



OVERMOLDING/ SHRINK BOOT ADAPTERS

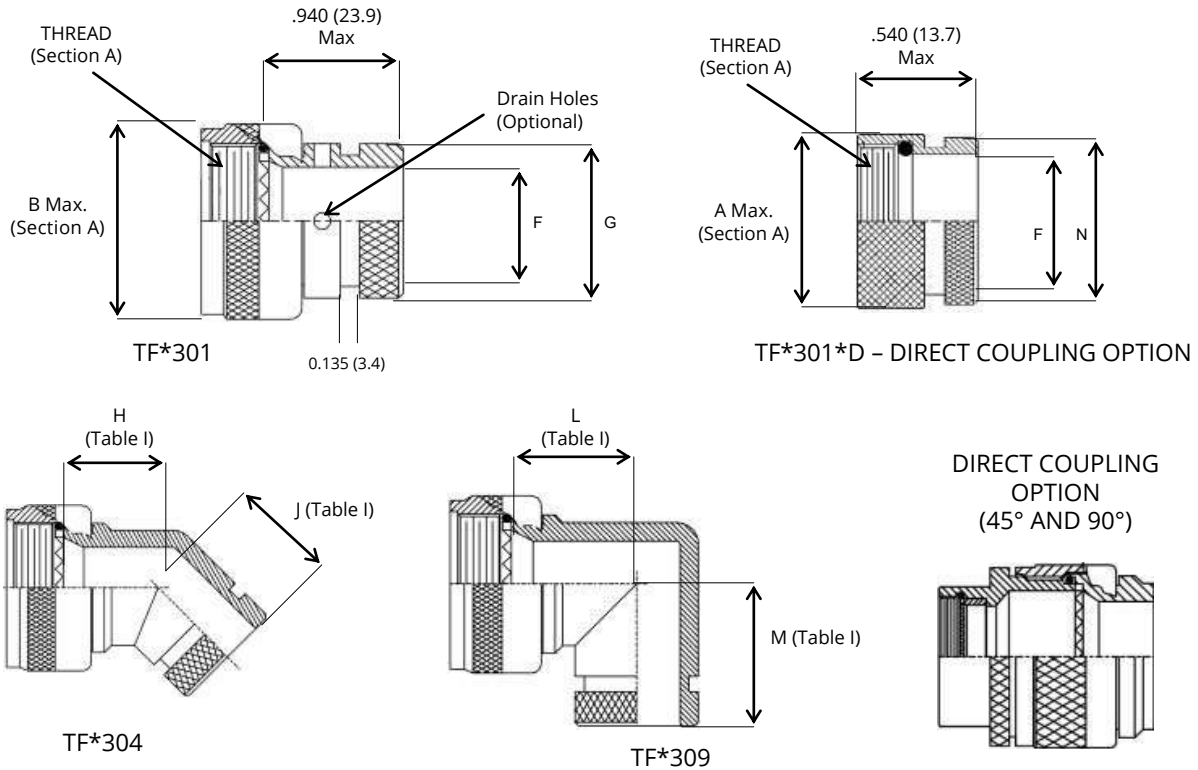
The Overmolding/Shrink Boot adapter is a backshell that attaches to a connector's accessory threads to provide the necessary molding/gripping area for a shrink boot installation and for overmolding processes. When a boot is used, the shrink boot and adapter are slipped over the cable and after wiring is completed, the adapter is attached to the connector. The shrink boot is positioned over the adapter and the jacketed cable. As heat is applied to the shrink boot it shrinks tightly around the adapter and cable forming an environmental seal. Topflite offers a number of shrink boot termination variations including shield sock, stainless steel termination band, stainless steel constant force spring and light bulb thread. In overmolding scenarios, the overmolding process can be carried out directly onto the backshell. If special molding-area dimensions are required, please contact your TopFlite sales representative.

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O-RING SEALED SHRINK BOOT ADAPTER

TF*301, TF*304, TF*309

STANDARD PROFILE



O-Ring Not supplied with 'A' Interface Adapter, or when Drain Hole option is used

TABLE I

SHELL SIZE	F MAX (Cable Entry)	G MAX	H MAX	J MAX	L MAX	M MAX	N MAX
8, 9 (A)	.250 (6.4)	.533 (13.5)	.639 (16.2)	.810 (20.6)	.750 (19.1)	.920 (23.4)	.688 (17.5)
10, 11 (B)	.355 (9.0)	.605 (15.4)	.664 (16.9)	.840 (21.3)	.810 (20.6)	.980 (24.9)	.803 (20.4)
12, 13 (C)	.491 (12.5)	.774 (19.7)	.688 (17.5)	.860 (21.8)	.870 (22.1)	1.040 (26.4)	.938 (23.8)
14, 15 (D)	.565 (14.4)	.838 (21.3)	.705 (17.9)	.890 (22.6)	.920 (23.4)	1.110 (28.2)	1.063 (27.0)
16, 17 (E)	.690 (17.5)	.963 (24.5)	.732 (18.6)	.910 (23.1)	.980 (24.9)	1.170 (29.7)	1.238 (31.4)
18, 19 (F)	.769 (19.5)	1.042 (26.5)	.748 (19.0)	.920 (23.4)	1.020 (25.9)	1.190 (30.2)	1.310 (33.3)
20, 21 (G)	.894 (22.7)	1.217 (30.9)	.773 (19.6)	.940 (23.9)	1.080 (27.4)	1.250 (31.8)	1.436 (36.5)
22, 23 (H)	1.019 (25.9)	1.355 (34.4)	.800 (20.3)	.980 (24.9)	1.140 (29.0)	1.330 (33.8)	1.560 (39.6)
24, 25 (J)	1.134 (28.8)	1.443 (36.7)	.823 (20.9)	1.010 (25.7)	1.200 (30.5)	1.400 (35.6)	1.686 (42.8)
28	1.369 (34.8)	1.709 (43.4)	1.041 (26.4)	1.180 (30.0)	1.480 (37.6)	1.640 (41.7)	2.062 (52.4)
32	1.615 (41.0)	1.919 (48.7)	1.092 (27.7)	1.370 (34.8)	1.610 (40.9)	1.880 (47.8)	2.312 (58.7)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN											
EXAMPLE PART NUMBER	TF	A	30	1	F	2	08	D	-6	-ZXXX	
STANDARD PREFIX											
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 2 FOR ADDITIONAL INTERFACE CODES)										
SERIES	30										
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING (NOT SHOWN) 8 - 90 DEGREE, FULL RADIUS/SWEEPING (NOT SHOWN)										
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)										
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING										
SHELL SIZE	08 11 15 ETC.										
DRAIN HOLE	D - DRAIN HOLE (OMIT FOR NONE)										
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)										
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)										

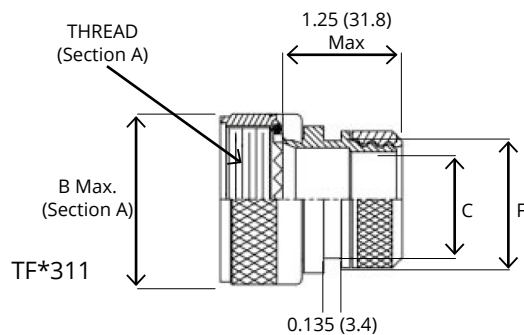
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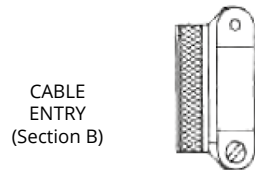
LAMP BASE THREAD EMI/RFI SHRINK BOOT ADAPTER

TF*311, TF*313, TF*314, TF*318, TF*319

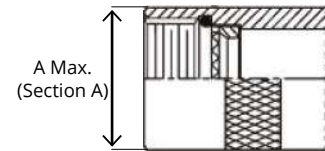
OPTIONAL STRAIN RELIEF



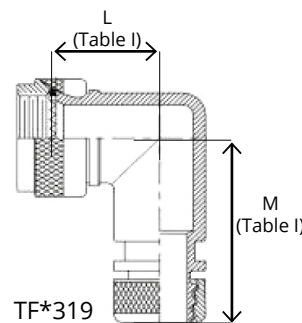
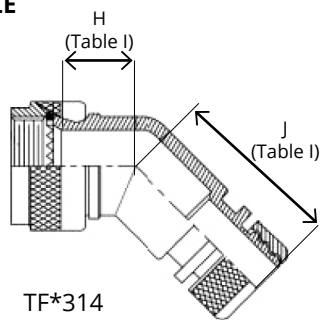
Optional Strain Relief
Place '-R' At End Of Part Number



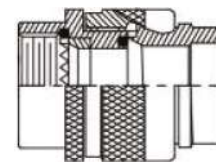
DIRECT COUPLING
OPTION
(STRAIGHT)



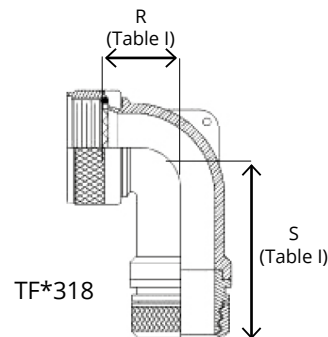
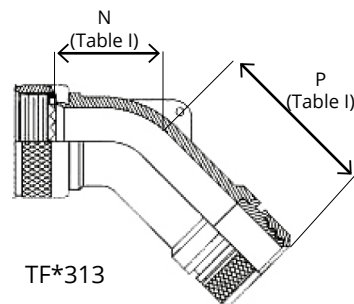
STANDARD PROFILE



DIRECT COUPLING
OPTION
(45° AND 90°)



FULL-RADIUS
PROFILE



DIRECT COUPLING
OPTION
(45° AND 90°)

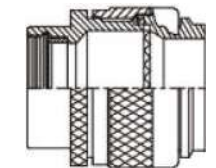


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.530 (21.1)	1.045 (26.5)	.940 (23.9)	1.155 (29.3)	.457 (11.6)	1.630 (41.4)	.500 (12.7)	1.640 (41.7)
10,11 (&)	.360 (21.5)	1.075 (27.3)	1.010 (25.7)	1.225 (31.1)	.520 (13.2)	1.690 (42.9)	.595 (15.1)	1.760 (44.7)
1 2,13 (C)	.332 (22.4)	1.097 (27.9)	1.070 (27.2)	1.255 (32.6)	.552 (14.5)	1.750 (44.5)	.610 (15.5)	1.750 (45.2)
14,15 (D)	.900 (22.9)	1.125 (25.6)	1.130 (23.7)	1.345 (34.2)	.645 (16.4)	1.540 (46.7)	.700 (17.5)	1.550 (47.0)
16,17 (E)	.930 (23.6)	1.145 (29.1)	1.190 (30.2)	1.405 (35.7)	.735 (15.7)	1.950 (49.5)	.555 (22.5)	1.940 (49.3)
13,19 (F)	.950 (24.1)	1.165 (29.6)	1.240 (31.5)	1.455 (37.0)	.926 (23.5)	2.140 (54.4)	.975 (24.5)	2.110 (53.6)
20, 21 (G)	.930 (24.9)	1.195 (30.4)	1.310 (33.3)	1.525 (35.7)	.926 (23.5)	2.140 (54.4)	.975 (24.5)	2.110 (53.6)
22, 23 (H)	1.000 (25.4)	1.215 (30.9)	1.360 (34.5)	1.575 (40.0)	1.020 (25.9)	2.290 (55.2)	1.125 (25.6)	2.220 (56.4)
24, 25 (J)	1.030 (26.2)	1.245 (31.6)	1.430 (36.3)	1.645 (41.5)	1.020 (25.9)	2.290 (55.2)	1.125 (25.6)	2.220 (56.4)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	31	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 2 FOR ADDITIONAL INTERFACE CODES)											
SERIES	31											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

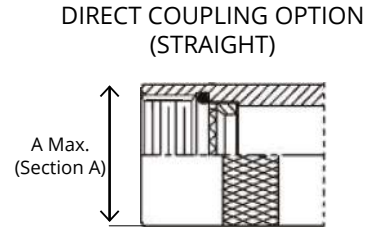
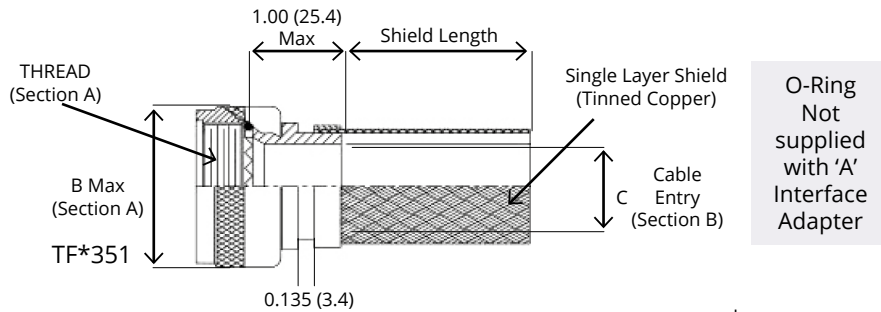
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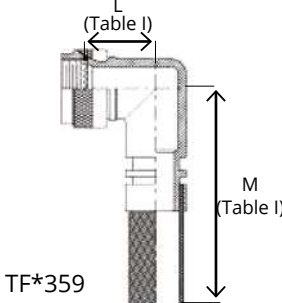
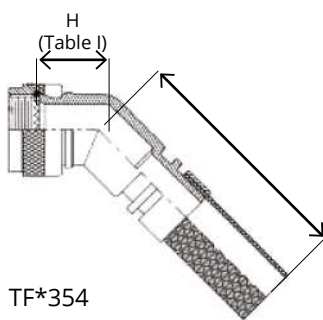
SHIELD SOCK SHRINK BOOT ADAPTER

TF*351, TF*353, TF*354, TF*358, TF*359

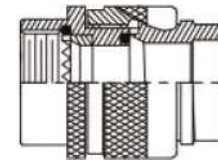
EMI/RFI SHIELD SOCK ADAPTER



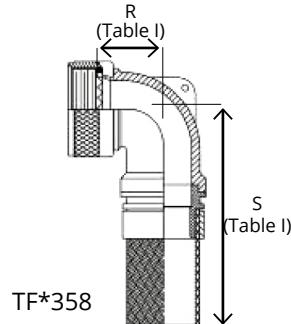
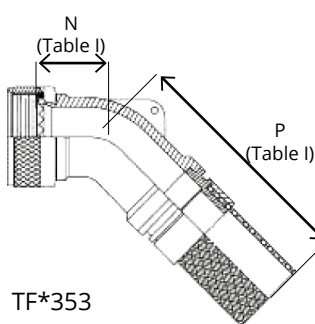
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



LOW PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

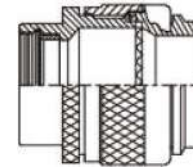


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.830 (21.1)	1.045 (26.5)	.940 (23.9)	1.155 (29.3)	.457 (11.6)	1.710 (43.4)	.500 (12.7)	1.730 (43.9)
10, 11 (B)	.860 (21.8)	1.075 (27.3)	1.010 (25.7)	1.225 (31.1)	.520 (13.2)	1.770 (45.0)	.595 (15.1)	1.850 (47.0)
12, 13 (C)	.882 (22.4)	1.097 (27.9)	1.070 (27.2)	1.285 (32.6)	.582 (14.8)	1.830 (46.5)	.610 (15.5)	1.870 (47.5)
14, 15 (D)	.900 (22.9)	1.125 (28.6)	1.130 (28.7)	1.345 (34.2)	.645 (16.4)	1.920 (48.8)	.700 (17.8)	1.940 (49.3)
16, 17 (E)	.930 (23.6)	1.145 (29.1)	1.190 (30.2)	1.405 (35.7)	.738 (18.7)	2.030 (51.6)	.885 (22.5)	2.030 (51.6)
18, 19 (F)	.950 (24.1)	1.165 (29.6)	1.240 (31.5)	1.455 (37.0)	.926 (23.5)	2.220 (56.4)	.975 (24.8)	2.200 (55.9)
20, 21 (G)	.980 (24.9)	1.195 (30.4)	1.310 (33.3)	1.525 (38.7)	.926 (23.5)	2.220 (56.4)	.975 (24.8)	2.200 (55.9)
22, 23 (H)	1.000 (25.4)	1.215 (30.9)	1.360 (34.5)	1.575 (40.0)	1.020 (25.9)	2.370 (60.2)	1.125 (28.6)	2.310 (58.7)
24, 25 (J)	1.030 (26.2)	1.245 (31.6)	1.430 (36.3)	1.645 (41.8)	1.020 (25.9)	2.370 (60.2)	1.125 (28.6)	2.310 (58.7)
28	1.145 (29.1)	2.420 (61.5)	1.225 (31.1)	2.480 (63.0)	1.145 (29.1)	2.420 (61.5)	1.225 (31.1)	2.480 (63.0)
32	1.207 (30.7)	2.520 (64.0)	1.575 (40.0)	2.730 (69.3)	1.207 (30.7)	2.520 (64.0)	1.575 (40.0)	2.730 (69.3)
36	1.238 (31.4)	2.610 (66.3)	1.775 (45.1)	2.730 (69.3)	1.238 (31.4)	2.610 (66.3)	1.775 (45.1)	2.730 (69.3)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	35	1	F	2	-08	03	-6	-10	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 2 FOR ADDITIONAL INTERFACE CODES)											
SERIES	35											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
SHIELD OPTION	(1 INCH INCREMENTS; 6 INCH MINIMUM)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

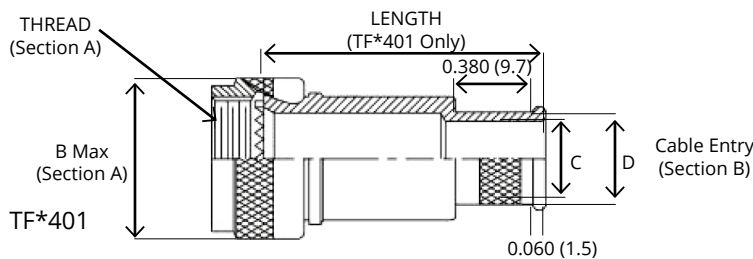
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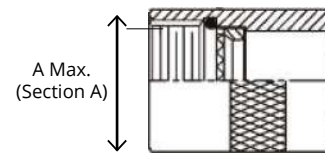
SPRING OR BAND TERMINATION ADAPTER

TF*401, TF*403, TF*404, TF*408, TF*409

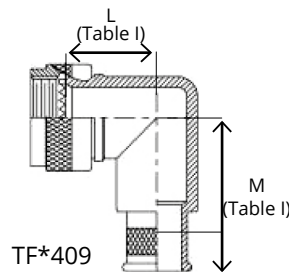
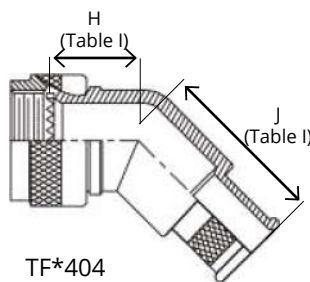
EMI/RFI SINGLE SPRING OR BAND TERMINATION STYLE



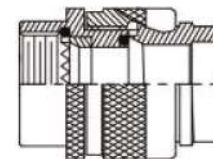
DIRECT COUPLING OPTION (STRAIGHT)



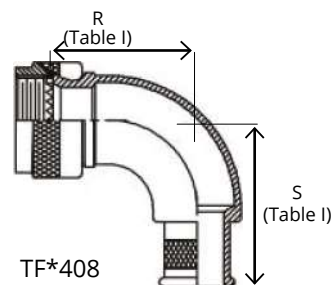
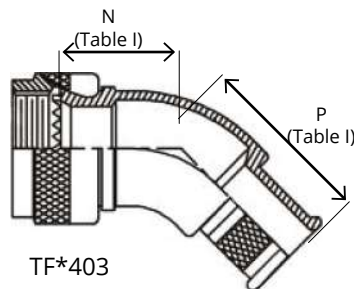
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

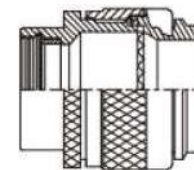


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.639 (16.2)	.890 (22.6)	.750 (19.1)	1.000 (25.4)	.812 (20.6)	.807 (20.5)	1.125 (28.6)	1.125 (28.6)
10, 11 (B)	.664 (16.9)	.920 (23.4)	.810 (20.6)	1.060 (26.9)	.875 (22.2)	.861 (21.9)	1.250 (31.8)	1.250 (31.8)
12, 13 (C)	.688 (17.5)	.940 (23.9)	.870 (22.1)	1.120 (28.4)	.938 (23.8)	.911 (23.1)	1.375 (34.9)	1.375 (34.9)
14, 15 (D)	.705 (17.9)	.970 (24.6)	.920 (23.4)	1.190 (30.2)	1.000 (25.4)	.965 (24.5)	1.500 (38.1)	1.500 (38.1)
16, 17 (E)	.732 (18.6)	.990 (25.1)	.980 (24.9)	1.250 (31.8)	1.062 (27.0)	1.014 (25.8)	1.625 (41.3)	1.625 (41.3)
18, 19 (F)	.748 (19.0)	1.000 (25.4)	1.020 (25.9)	1.270 (32.3)	1.094 (27.8)	1.064 (27.0)	1.750 (44.5)	1.750 (44.5)
20, 21 (G)	.773 (19.6)	1.020 (25.9)	1.080 (27.4)	1.330 (33.8)	1.156 (29.4)	1.118 (28.4)	1.875 (47.6)	1.875 (47.6)
22, 23 (H)	.800 (20.3)	1.060 (26.9)	1.140 (29.0)	1.410 (35.8)	1.188 (30.2)	1.172 (29.8)	2.000 (50.8)	2.000 (50.8)
24, 25 (J)	.823 (20.9)	1.090 (27.7)	1.200 (30.5)	1.480 (37.6)	1.250 (31.8)	1.221 (31.0)	2.125 (54.0)	2.125 (54.0)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	40	1	F	2	-08	03	B1	-8	-S	-ZXXX
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 2 FOR ADDITIONAL INTERFACE CODES)											
SERIES	40											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
BAND OPTION	(SEE PAGE 7 FOR TERMINATION BAND OPTIONS. OMIT FOR NONE)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75" , 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
SLOT	S (DOUBLE SLOT IN BAND LANDING AREA. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

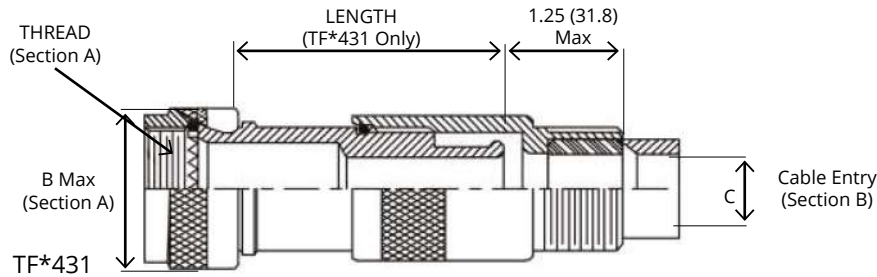
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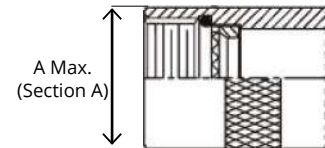
CABLE SEALING EMI/RFI BAND-IN-A-CAN ADAPTER

TF*431, TF*434, TF*439

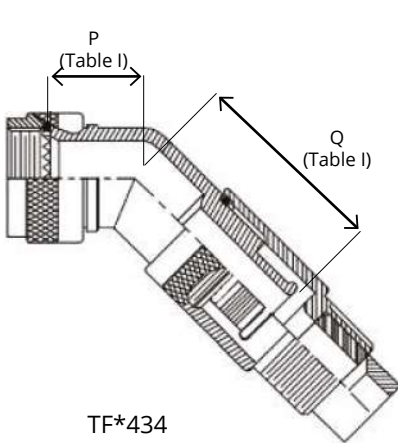
STANDARD PROFILE - WITH STRAIN RELIEF



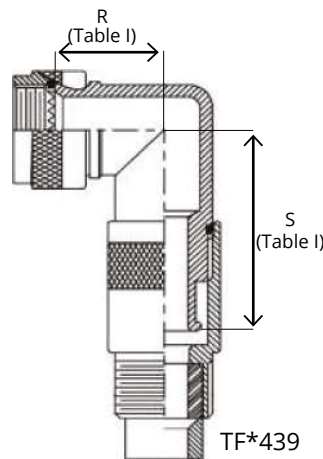
DIRECT COUPLING OPTION (STRAIGHT)



STANDARD PROFILE



TF*434



TF*439

DIRECT COUPLING OPTION (45° AND 90°)

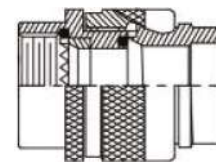


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX
8, 9 (A)	.639 (16.2)	1.380 (35.1)	.750 (19.1)	1.500 (38.1)
10, 11 (B)	.664 (16.9)	1.410 (35.8)	.810 (20.6)	1.550 (39.4)
12, 13 (C)	.688 (17.5)	1.430 (36.3)	.870 (22.1)	1.610 (40.9)
14, 15 (D)	.705 (17.9)	1.460 (37.1)	.920 (23.4)	1.680 (42.7)
16, 17 (E)	.732 (18.6)	1.480 (37.6)	.980 (24.9)	1.740 (44.2)
18, 19 (F)	.748 (19.0)	1.490 (37.8)	1.020 (25.9)	1.760 (44.7)
20, 21 (G)	.773 (19.6)	1.510 (38.4)	1.080 (27.4)	1.820 (46.2)
22, 23 (H)	.800 (20.3)	1.550 (39.4)	1.140 (29.0)	1.900 (48.3)
24, 25 (J)	.823 (20.9)	1.580 (40.1)	1.200 (30.5)	1.970 (50.0)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	43	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 2 FOR ADDITIONAL INTERFACE CODES)											
SERIES	43											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	(SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

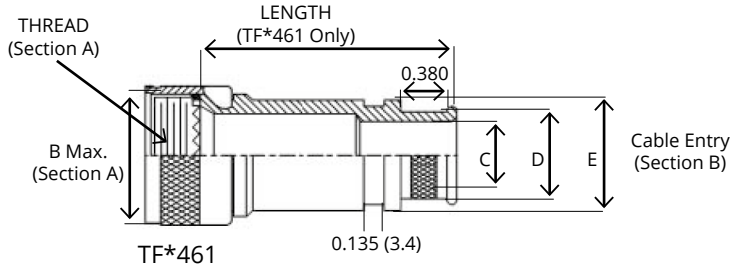
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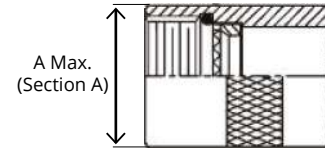
SPRING OR BAND TERMINATION ADAPTER

TF*461, TF*463, TF*464, TF*468, TF*469

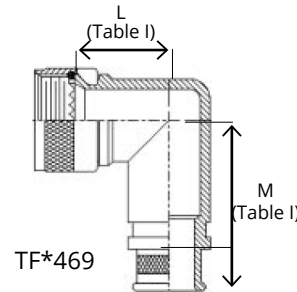
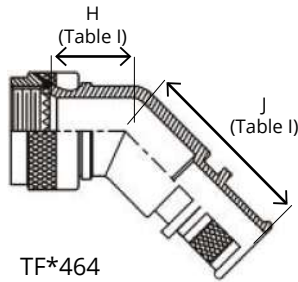
EMI/RFI SINGLE SPRING OR BAND TERMINATION STYLE



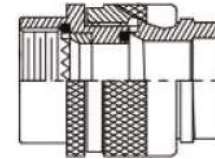
DIRECT COUPLING OPTION (STRAIGHT)



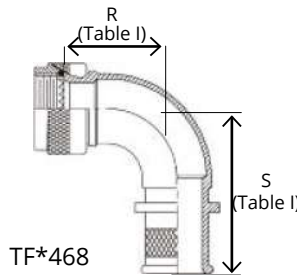
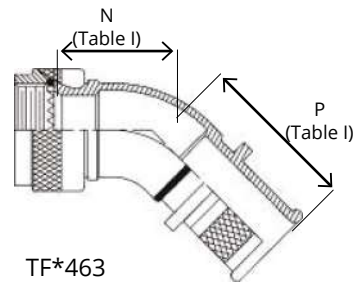
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

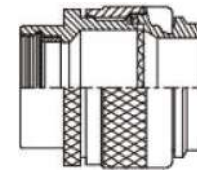


TABLE I
DIMENSIONAL CHART – 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.531 (13.5)	.940 (23.9)	.639 (16.2)	1.110 (28.2)	.812 (20.6)	1.017 (25.8)	1.125 (28.6)	1.335 (33.9)
10, 11 (B)	.594 (15.1)	1.000 (25.4)	.664 (16.9)	1.140 (29.0)	.875 (22.2)	1.071 (27.2)	1.250 (31.8)	1.460 (37.1)
12, 13 (C)	.618 (15.7)	1.050 (26.7)	.688 (17.5)	1.160 (29.5)	.938 (23.8)	1.121 (28.5)	1.375 (34.9)	1.585 (40.3)
14, 15 (D)	.656 (16.7)	1.090 (27.7)	.705 (17.9)	1.190 (30.2)	1.000 (25.4)	1.175 (29.8)	1.500 (38.1)	1.710 (43.4)
16, 17 (E)	.688 (17.5)	1.150 (29.2)	.732 (18.6)	1.210 (30.7)	1.062 (27.0)	1.224 (31.1)	1.625 (41.3)	1.835 (46.6)
18, 19 (F)	.748 (19.0)	1.190 (30.2)	.803 (20.4)	1.221 (31.0)	1.094 (27.8)	1.274 (32.4)	1.750 (44.5)	1.960 (49.8)
20, 21 (G)	.773 (19.6)	1.250 (31.8)	1.031 (26.2)	1.281 (32.5)	1.156 (29.4)	1.328 (33.7)	1.875 (47.6)	2.085 (53.0)
22, 23 (H)	.800 (20.3)	1.320 (33.5)	1.156 (29.4)	1.351 (34.3)	1.188 (30.2)	1.382 (35.1)	2.000 (50.8)	2.210 (56.1)
24, 25 (J)	.823 (20.9)	1.380 (35.1)	1.219 (31.0)	1.410 (35.8)	1.250 (31.8)	1.431 (36.3)	2.125 (54.0)	2.335 (59.3)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	46	1	F	2	-08	03	B1	-8	-S	-ZXXX
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 2 FOR ADDITIONAL INTERFACE CODES)											
SERIES	46											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
BAND OPTION	(SEE PAGE 7 FOR TERMINATION BAND OPTIONS. OMIT FOR NONE)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75" , 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
SLOT	S (DOUBLE SLOT IN BAND LANDING AREA. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIRGURATION/OPTION(S). OMIT FOR NONE)											

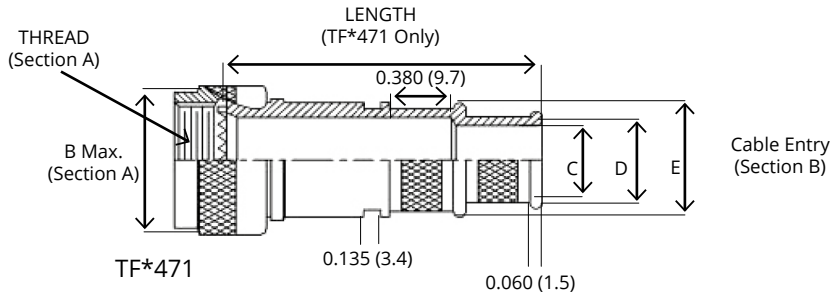
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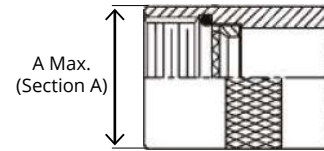
SPRING OR BAND TERMINATION ADAPTER

TF*471, TF*473, TF*474, TF*478, TF*479

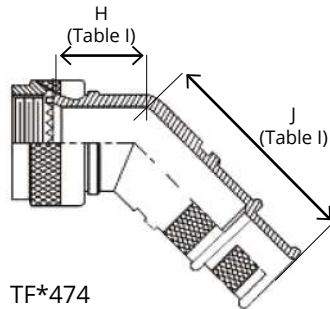
EMI/RFI DUAL SPRING OR BAND TERMINATION STYLE



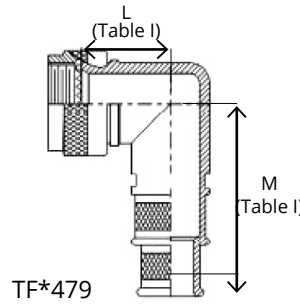
DIRECT COUPLING OPTION (STRAIGHT)



STANDARD PROFILE

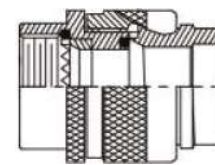


TF*474

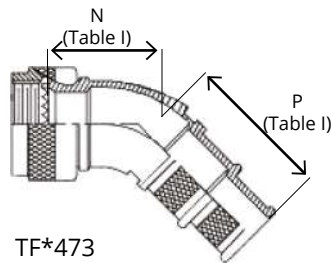


TF*479

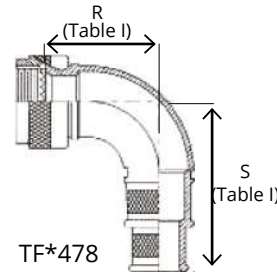
DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



TF*473



TF*478

DIRECT COUPLING OPTION (45° AND 90°)

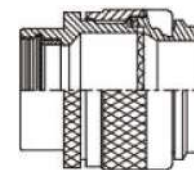


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.639 (16.2)	1.38 (35.1)	.750 (19.1)	1.550 (39.4)	.812 (20.6)	1.230 (31.2)	1.125 (28.6)	1.530 (38.9)
10, 11 (B)	.664 (16.9)	1.44 (36.6)	.810 (20.6)	1.580 (40.2)	.875 (22.2)	1.290 (32.8)	1.250 (31.8)	1.660 (42.2)
12, 13 (C)	.688 (17.5)	1.49 (37.9)	.870 (22.1)	1.600 (40.7)	.938 (23.8)	1.350 (34.3)	1.375 (34.9)	1.790 (45.5)
14, 15 (D)	.705 (17.9)	1.53 (38.9)	.920 (23.4)	1.630 (41.4)	1.000 (25.4)	1.410 (35.8)	1.500 (38.1)	1.910 (48.5)
16, 17 (E)	.732 (18.6)	1.59 (40.4)	.980 (24.9)	1.650 (41.9)	1.062 (27.0)	1.470 (37.3)	1.625 (41.3)	2.040 (51.8)
18, 19 (F)	.748 (19.0)	1.63 (41.4)	1.020 (25.9)	1.661 (42.2)	1.094 (27.8)	1.540 (39.1)	1.750 (44.5)	2.160 (54.9)
20, 21 (G)	.773 (19.6)	1.69 (43.0)	1.080 (27.4)	1.721 (43.7)	1.156 (29.4)	1.600 (40.6)	1.875 (47.6)	2.290 (58.2)
22, 23 (H)	.800 (20.3)	1.76 (44.7)	1.140 (29.0)	1.791 (45.5)	1.188 (30.2)	1.660 (42.2)	2.000 (50.8)	2.410 (61.2)
24, 25 (J)	.823 (20.9)	1.82 (46.3)	1.200 (30.5)	1.850 (47.0)	1.250 (31.8)	1.720 (43.7)	2.125 (54.0)	2.540 (64.5)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	47	1	F	2	-08	03	B1	-8	-S	-ZXXX
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 2 FOR ADDITIONAL INTERFACE CODES)											
SERIES	47											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
BAND OPTION	(SEE PAGE 7 FOR TERMINATION BAND OPTIONS. OMIT FOR NONE)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75" , 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
SLOT	S (DOUBLE SLOT IN BAND LANDING AREA. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIRGURATION/OPTION(S). OMIT FOR NONE)											

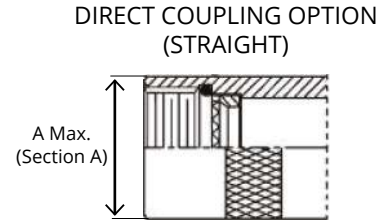
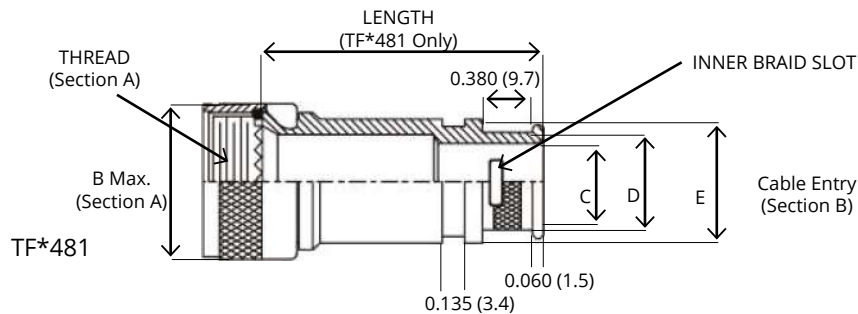
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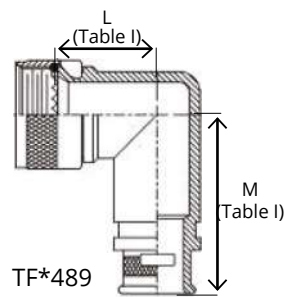
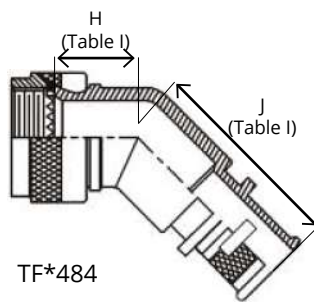
BAND TERMINATION ADAPTER

TF*481, TF*483, TF*484, TF*488, TF*489

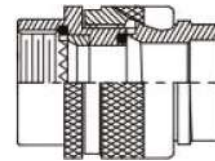
INNER AND OUTER TERMINATION ADAPTER



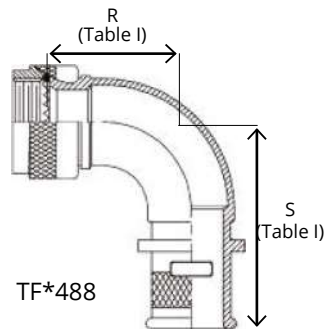
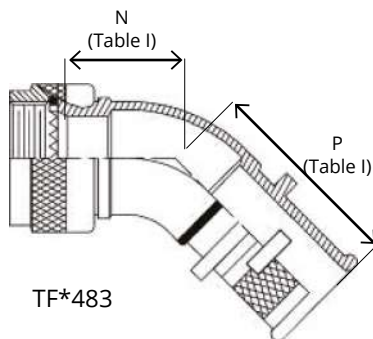
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

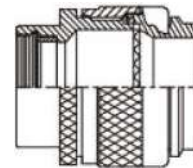


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.531 (13.5)	.940 (23.9)	.639 (16.2)	1.110 (28.2)	.812 (20.6)	1.017 (25.8)	1.125 (28.6)	1.335 (33.9)
10, 11 (B)	.594 (15.1)	1.000 (25.4)	.664 (16.9)	1.140 (29.0)	.875 (22.2)	1.071 (27.2)	1.250 (31.8)	1.460 (37.1)
12, 13 (C)	.618 (15.7)	1.050 (26.7)	.688 (17.5)	1.160 (29.5)	.938 (23.8)	1.121 (28.5)	1.375 (34.9)	1.585 (40.3)
14, 15 (D)	.656 (16.7)	1.090 (27.7)	.705 (17.9)	1.190 (30.2)	1.000 (25.4)	1.175 (29.8)	1.500 (38.1)	1.710 (43.4)
16, 17 (E)	.688 (17.5)	1.150 (29.2)	.732 (18.6)	1.210 (30.7)	1.062 (27.0)	1.224 (31.1)	1.625 (41.3)	1.835 (46.6)
18, 19 (F)	.748 (19.0)	1.190 (30.2)	.803 (20.4)	1.221 (31.0)	1.094 (27.8)	1.274 (32.4)	1.750 (44.5)	1.960 (49.8)
20, 21 (G)	.773 (19.6)	1.250 (31.8)	1.031 (26.2)	1.281 (32.5)	1.156 (29.4)	1.328 (33.7)	1.875 (47.6)	2.085 (53.0)
22, 23 (H)	.800 (20.3)	1.320 (33.5)	1.156 (29.4)	1.351 (34.3)	1.188 (30.2)	1.382 (35.1)	2.000 (50.8)	2.210 (56.1)
24, 25 (J)	.823 (20.9)	1.380 (35.1)	1.219 (31.0)	1.410 (35.8)	1.250 (31.8)	1.431 (36.3)	2.125 (54.0)	2.335 (59.3)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	48	1	F	2	-08	03	B1	-8	-S	-ZXXX
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 2 FOR ADDITIONAL INTERFACE CODES)											
SERIES	48											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
BAND OPTION	(SEE PAGE 7 FOR TERMINATION BAND OPTIONS. OMIT FOR NONE)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75" , 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
SLOT	S (DOUBLE SLOT IN BAND LANDING AREA. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIRGURATION/OPTION(S). OMIT FOR NONE)											

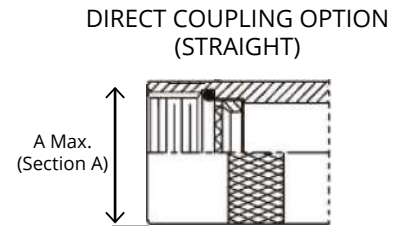
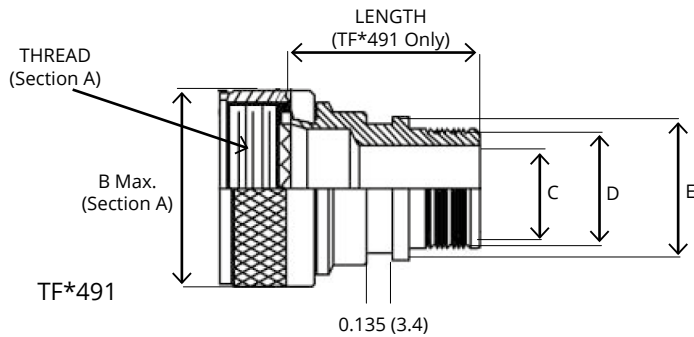
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LOCK RING TERMINATED ADAPTER

TF*491, TF*494, TF*499

STANDARD PROFILE



STANDARD PROFILE

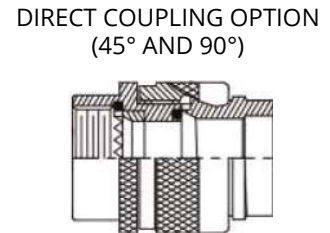
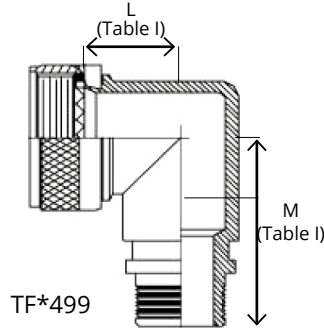
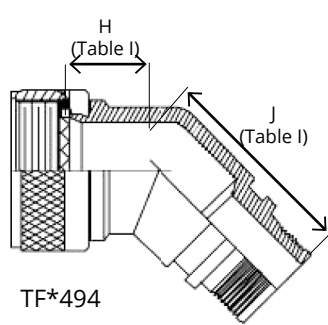


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX
8, 9 (A)	.640 (16.3)	.890 (22.6)	.750 (19.1)	1.000 (25.4)
10, 11 (B)	.660 (16.8)	.920 (23.4)	.810 (20.6)	1.060 (26.9)
12, 13 (C)	.690 (17.5)	.940 (23.9)	.870 (22.1)	1.120 (28.4)
14, 15 (D)	.710 (18.0)	.970 (24.6)	.920 (23.4)	1.190 (30.2)
16, 17 (E)	.730 (18.5)	.990 (25.1)	.980 (24.9)	1.250 (31.8)
18, 19 (F)	.750 (19.1)	1.000 (25.4)	1.020 (25.9)	1.270 (32.3)
20, 21 (G)	.770 (19.6)	1.020 (25.9)	1.080 (27.4)	1.330 (33.8)
22, 23 (H)	.800 (20.3)	1.060 (26.9)	1.140 (29.0)	1.410 (35.8)
24, 25 (I)	.820 (20.8)	1.090 (27.7)	1.200 (30.5)	1.480 (37.6)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN											
EXAMPLE PART NUMBER	TF	A	49	1	F	2	-08	03	-8	-ZXXX	
STANDARD PREFIX											
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 2 FOR ADDITIONAL INTERFACE CODES)										
SERIES	49										
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING										
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)										
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING										
SHELL SIZE	08 11 15 ETC.										
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)										
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)										
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIRGURATION/OPTION(S). OMIT FOR NONE)										

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EMI/RFI NON-ENVIRONMENTAL BACKSHELLS

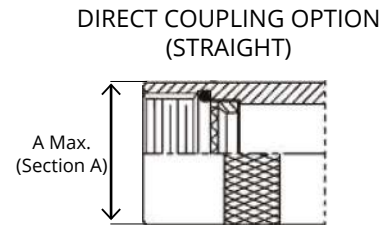
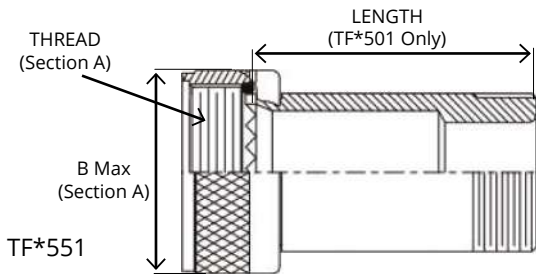
Electromagnetic interference (EMI) and radio frequency interference (RFI) generate interference. When strong external noise fields exist, the conductors of a cable act as antennas and pick up the radiated signals. The reception of this interference results in inaccurate or interrupted data transmission. An effective shield prevents the reception of undesired signals as well as confining extraneous signals generated within the cable itself. EMI/RFI backshells enclose the cable in a tightly woven metal braid comprised of wire strands which is then terminated at one or both ends of the cable to ground potential. The termination and grounding of the shield is accomplished by using a suitable connector backshell. A variety of backshell configurations are available for termination of cable shielding.

SERIES	DESCRIPTION	PAGE
55	STRAIN RELIEF TERMINATION EMI/RFI NON-ENVIRONMENTAL BACKSHELL	86
70	OUTER SHIELD TERMINATION EMI/RFI NON-ENVIRONMENTAL BACKSHELL	88
71	HEAVY DUTY OUTER SHIELD TERMINATION EMI/RFI NON-ENVIRONMENTAL BACKSHELL	90
72	LIGHT DUTY OUTER SHIELD TERMINATION EMI/RFI NON-ENVIRONMENTAL BACKSHELL	92
74	INNER OR OUTER SHIELD TERMINATION EMI/RFI NON-ENVIRONMENTAL BACKSHELL	94
75	INNER AND OUTER SHIELD TERMINATION EMI/RFI NON-ENVIRONMENTAL BACKSHELL	96
76	INNER AND OUTER SHIELD TERMINATION EMI/RFI NON-ENVIRONMENTAL BACKSHELL	98
77	INNER OR OUTER SHIELD TERMINATION EMI/RFI NON-ENVIRONMENTAL BACKSHELL	100

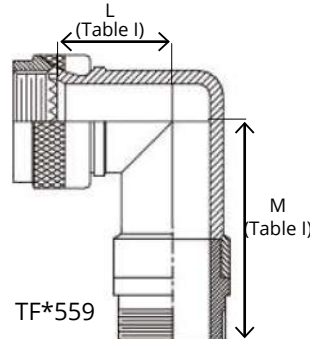
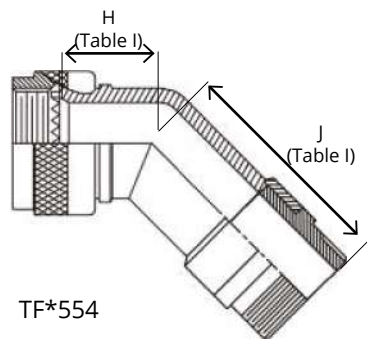
NON-ENVIRONMENTAL BACKSHELL

TF*551, TF*553, TF*554, TF*558, TF*559

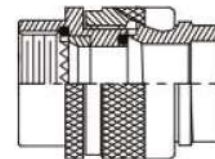
WITH STRAIN RELIEF—STANDARD PROFILE



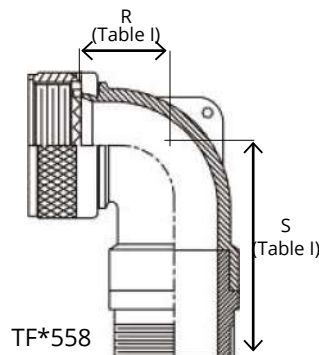
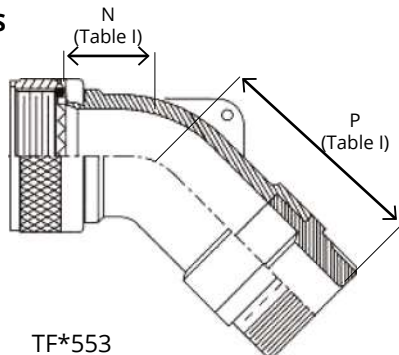
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

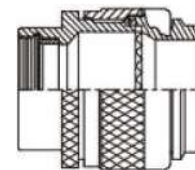


TABLE I
DIMENSIONAL CHART – 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.795 (20.2)	1.390 (35.3)	.906 (23.0)	1.500 (38.1)	.457 (11.6)	1.622 (41.2)	.500 (12.7)	1.632 (41.5)
10, 11 (B)	.820 (20.8)	1.420 (36.1)	.966 (24.5)	1.560 (39.6)	.520 (13.2)	1.682 (42.7)	.595 (15.1)	1.752 (44.5)
12, 13 (C)	.844 (21.4)	1.440 (36.6)	1.026 (26.1)	1.620 (41.1)	.582 (14.8)	1.742 (44.2)	.610 (15.5)	1.772 (45.0)
14, 15 (D)	.861 (21.9)	1.470 (37.3)	1.076 (27.3)	1.690 (42.9)	.645 (16.4)	2.062 (52.4)	.700 (17.8)	2.072 (52.6)
16, 17 (E)	.888 (22.6)	1.490 (37.8)	1.136 (28.9)	1.750 (44.5)	.738 (18.7)	2.172 (55.2)	.885 (22.5)	2.162 (54.9)
18, 19 (F)	.904 (23.0)	1.500 (38.1)	1.176 (29.9)	1.770 (45.0)	.926 (23.5)	2.362 (60.0)	.975 (24.8)	2.332 (59.2)
20, 21 (G)	.929 (23.6)	1.520 (38.6)	1.236 (31.4)	1.830 (46.5)	.926 (23.5)	2.362 (60.0)	.975 (24.8)	2.332 (59.2)
22, 23 (H)	.956 (24.3)	1.560 (39.6)	1.296 (32.9)	1.910 (48.5)	1.020 (25.9)	2.512 (63.8)	1.125 (28.6)	2.442 (62.0)
24, 25 (J)	.979 (24.9)	1.590 (40.4)	1.356 (34.4)	1.980 (50.3)	1.020 (25.9)	2.512 (63.8)	1.125 (28.6)	2.442 (62.0)

Notes

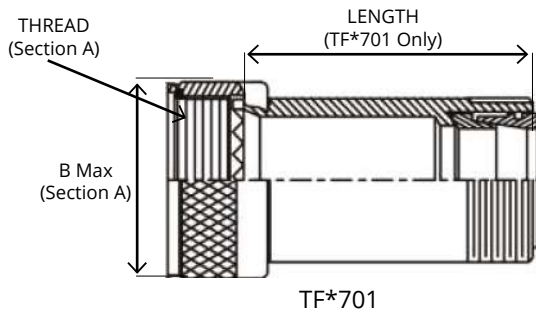
1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	55	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	55											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

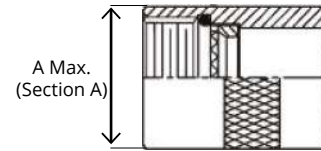
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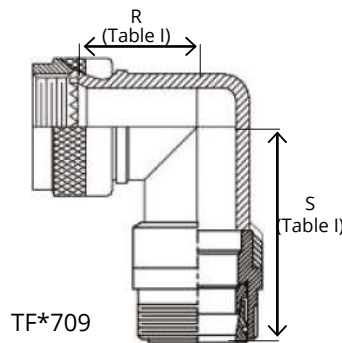
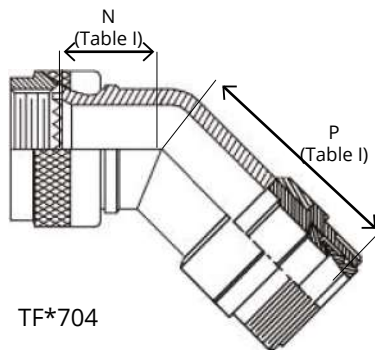
EMI/RFI NON-ENVIRONMENTAL BACKSHELL TF*701, TF*703, TF*704, TF*708, TF*709 OUTER SHIELD TERMINATION



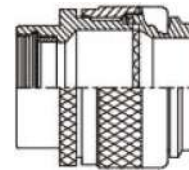
DIRECT COUPLING OPTION
(STRAIGHT)



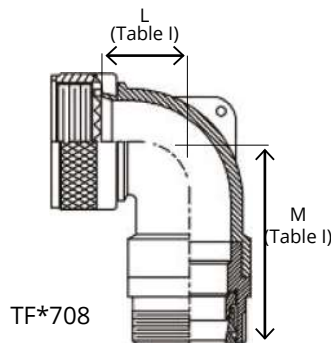
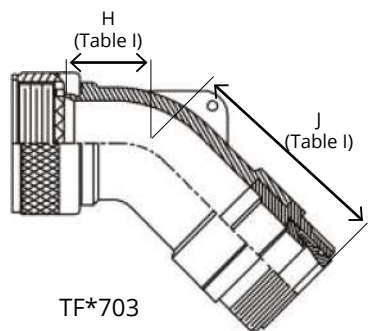
STANDARD
PROFILE



DIRECT COUPLING OPTION
(45° AND 90°)



FULL-RADIUS
PROFILE



DIRECT COUPLING OPTION
(45° AND 90°)

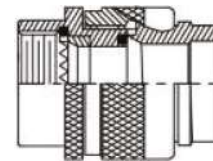


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.457 (11.6)	1.602 (40.7)	.500 (12.7)	1.612 (40.9)	.639 (16.2)	1.602 (40.7)	.750 (19.1)	1.612 (40.9)
10, 11 (B)	.520 (13.2)	1.662 (42.2)	.595 (15.1)	1.732 (44.0)	.664 (16.9)	1.662 (42.2)	.810 (20.6)	1.732 (44.0)
12, 13 (C)	.582 (14.8)	1.722 (43.7)	.610 (15.5)	1.752 (44.5)	.688 (17.5)	1.722 (43.7)	.870 (22.1)	1.752 (44.5)
14, 15 (D)	.645 (16.4)	2.062 (52.4)	.700 (17.8)	2.072 (52.6)	.705 (17.9)	2.062 (52.4)	.920 (23.4)	2.072 (52.6)
16, 17 (E)	.738 (18.7)	2.172 (55.2)	.885 (22.5)	2.162 (54.9)	.732 (18.6)	2.172 (55.2)	.980 (24.9)	2.162 (54.9)
18, 19 (F)	.926 (23.5)	2.362 (60.0)	.975 (24.8)	2.332 (59.2)	.748 (19.0)	2.362 (60.0)	1.020 (25.9)	2.332 (59.2)
20, 21 (G)	.926 (23.5)	2.362 (60.0)	.975 (24.8)	2.332 (59.2)	.773 (19.6)	2.362 (60.0)	1.080 (27.4)	2.332 (59.2)
22, 23 (H)	1.020 (25.9)	2.512 (63.8)	1.125 (28.6)	2.442 (62.0)	.800 (20.3)	2.512 (63.8)	1.140 (29.0)	2.442 (62.0)
24, 25 (J)	1.020 (25.9)	2.512 (63.8)	1.125 (28.6)	2.442 (62.0)	.823 (20.9)	2.512 (63.8)	1.200 (30.5)	2.442 (62.0)

Notes

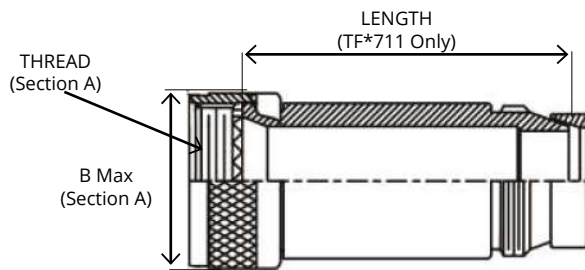
1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	70	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	70											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

Disclaimer

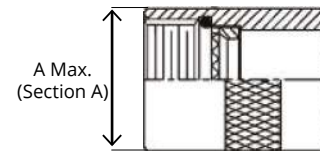
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EMI/RFI NON-ENVIRONMENTAL BACKSHELL TF*711, TF*713, TF*714, TF*718, TF*719 OUTER SHIELD TERMINATION (HEAVY DUTY)

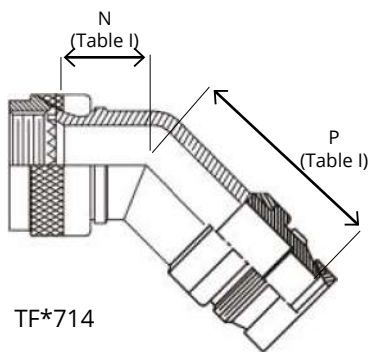


TF*711

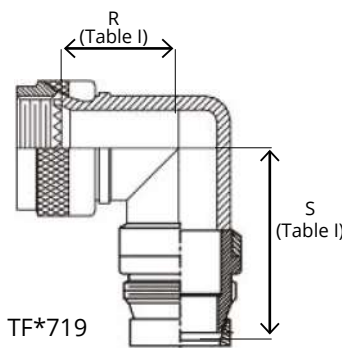
DIRECT COUPLING OPTION (STRAIGHT)



STANDARD PROFILE

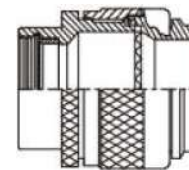


TF*714

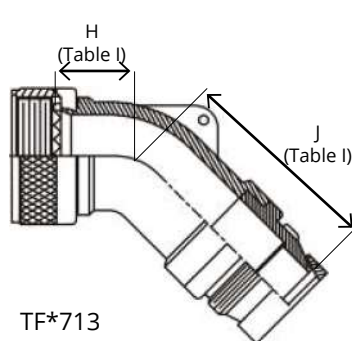


TF*719

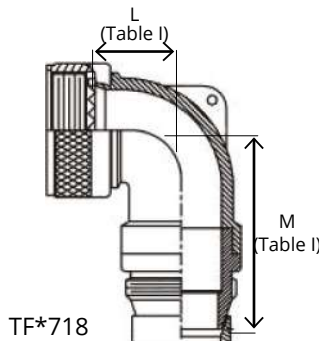
DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



TF*713



TF*718

DIRECT COUPLING OPTION (45° AND 90°)

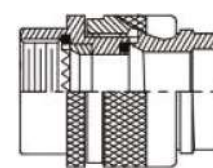


TABLE I

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.457 (11.6)	1.848 (46.9)	.500 (12.7)	1.858 (47.2)	.639 (16.2)	1.848 (46.9)	.750 (19.1)	1.858 (47.2)
10, 11 (B)	.520 (13.2)	1.908 (48.5)	.595 (15.1)	1.978 (50.2)	.664 (16.9)	1.908 (48.5)	.810 (20.6)	1.978 (50.2)
12, 13 (C)	.582 (14.8)	1.968 (50.0)	.610 (15.5)	1.998 (50.7)	.688 (17.5)	1.968 (50.0)	.870 (22.1)	1.998 (50.7)
14, 15 (D)	.645 (16.4)	2.347 (59.6)	.700 (17.8)	2.357 (59.9)	.705 (17.9)	2.347 (59.6)	.920 (23.4)	2.357 (59.9)
16, 17 (E)	.738 (18.7)	2.457 (62.4)	.885 (22.5)	2.447 (62.2)	.732 (18.6)	2.457 (62.4)	.980 (24.9)	2.447 (62.2)
18, 19 (F)	.926 (23.5)	2.647 (67.2)	.975 (24.8)	2.617 (66.5)	.748 (19.0)	2.647 (67.2)	1.020 (25.9)	2.617 (66.5)
20, 21 (G)	.926 (23.5)	2.647 (67.2)	.975 (24.8)	2.617 (66.5)	.773 (19.6)	2.647 (67.2)	1.080 (27.4)	2.617 (66.5)
22, 23 (H)	1.020 (25.9)	2.922 (74.2)	1.125 (28.6)	2.852 (72.4)	.800 (20.3)	2.922 (74.2)	1.140 (29.0)	2.852 (72.4)
24, 25 (J)	1.020 (25.9)	2.922 (74.2)	1.125 (28.6)	2.852 (72.4)	.823 (20.9)	2.922 (74.2)	1.200 (30.5)	2.852 (72.4)

Notes

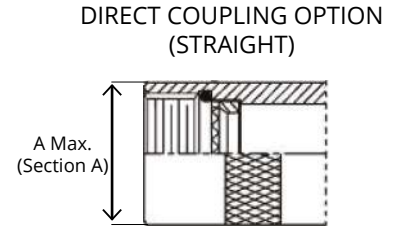
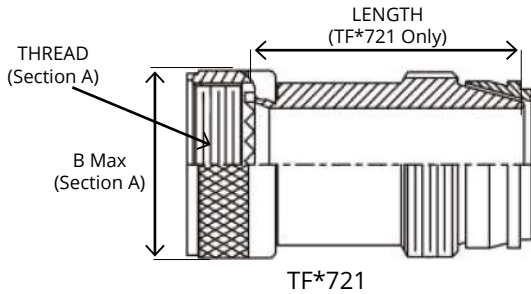
1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	71	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	71											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

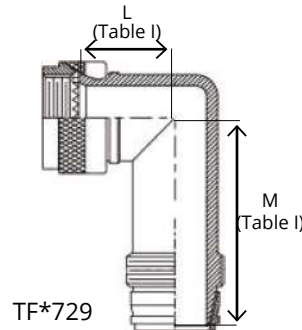
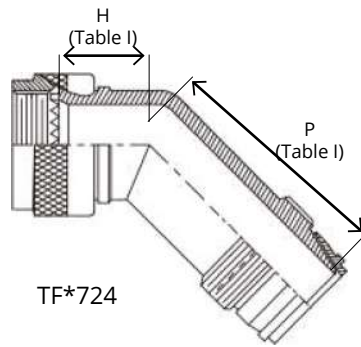
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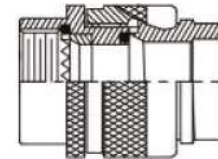
EMI/RFI NON-ENVIRONMENTAL BACKSHELL TF*721, TF*723, TF*724, TF*728, TF*729 OUTER SHIELD TERMINATION (LIGHT DUTY)



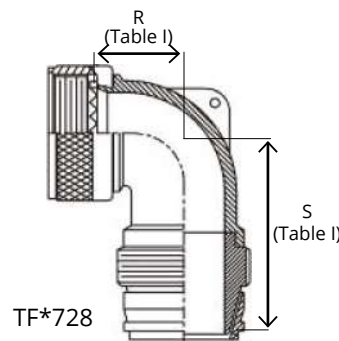
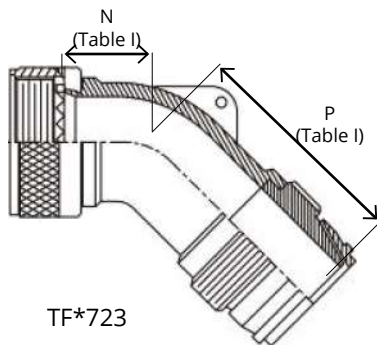
STANDARD PROFILE



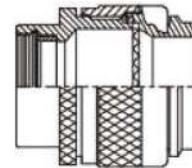
DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



**TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS**

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.639 (16.2)	1.100 (27.9)	.750 (19.1)	1.210 (30.7)	.457 (11.6)	1.680 (42.7)	.500 (12.7)	1.781 (45.2)
10, 11 (B)	.664 (16.9)	1.130 (28.7)	.810 (20.6)	1.270 (32.3)	.520 (13.2)	1.740 (44.2)	.595 (15.1)	1.901 (48.3)
12, 13 (C)	.688 (17.5)	1.150 (29.2)	.870 (22.1)	1.330 (33.8)	.582 (14.8)	1.800 (45.7)	.610 (15.5)	1.921 (48.8)
14, 15 (D)	.705 (17.9)	1.180 (30.0)	.920 (23.4)	1.400 (35.6)	.645 (16.4)	1.890 (48.0)	.700 (17.8)	1.991 (50.6)
16, 17 (E)	.732 (18.6)	1.200 (30.5)	.980 (24.9)	1.460 (37.1)	.738 (18.7)	2.000 (50.8)	.885 (22.5)	2.081 (52.9)
18, 19 (F)	.748 (19.0)	1.210 (30.7)	1.020 (25.9)	1.480 (37.6)	.926 (23.5)	2.190 (55.6)	.975 (24.8)	2.251 (57.2)
20, 21 (G)	.773 (19.6)	1.230 (31.2)	1.080 (27.4)	1.540 (39.1)	.926 (23.5)	2.190 (55.6)	.975 (24.8)	2.251 (57.2)
22, 23 (H)	.800 (20.3)	1.270 (32.3)	1.140 (29.0)	1.620 (41.1)	1.020 (25.9)	2.340 (59.4)	1.125 (28.6)	2.361 (60.0)
24, 25 (J)	.823 (20.9)	1.300 (33.0)	1.200 (30.5)	1.690 (42.9)	1.020 (25.9)	2.340 (59.4)	1.125 (28.6)	2.361 (60.0)

Notes

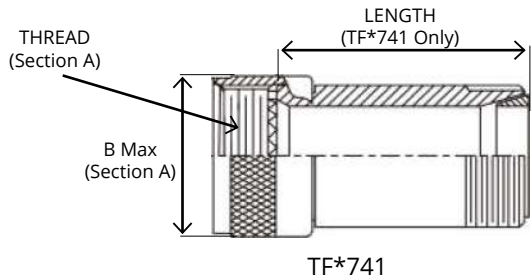
1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	72	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	72											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

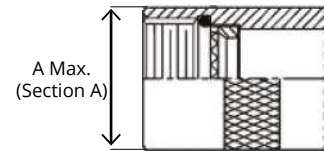
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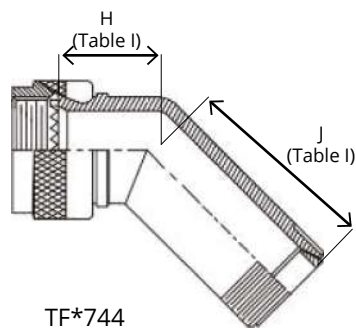
EMI/RFI NON-ENVIRONMENTAL BACKSHELL TF*741, TF*743, TF*744, TF*748, TF*749 INNER 74 OR OUTER SHIELD TERMINATION



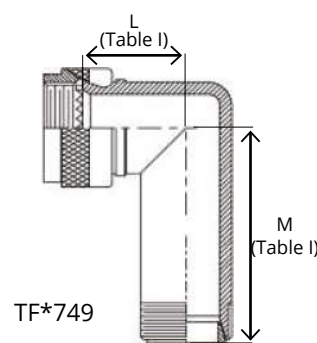
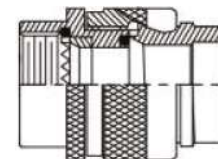
DIRECT COUPLING OPTION
(STRAIGHT)



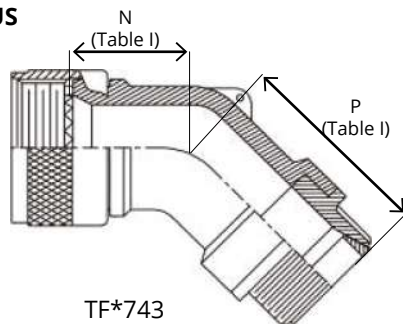
STANDARD
PROFILE



DIRECT COUPLING OPTION
(45° AND 90°)



FULL-RADIUS
PROFILE



DIRECT COUPLING OPTION
(45° AND 90°)

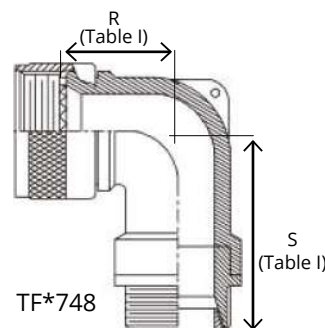
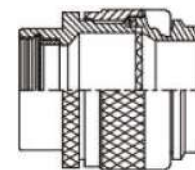


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.639 (16.2)	.940 (23.9)	.750 (19.1)	1.050 (26.7)	.457 (11.6)	1.730 (43.9)	.560 (14.2)	1.680 (42.7)
10, 11 (B)	.664 (16.9)	.970 (24.6)	.810 (20.6)	1.110 (28.2)	.520 (13.2)	1.730 (43.9)	.660 (16.8)	1.800 (45.7)
12, 13 (C)	.688 (17.5)	.990 (25.1)	.870 (22.1)	1.170 (29.7)	.582 (14.8)	1.790 (45.5)	.670 (17.0)	1.820 (46.2)
14, 15 (D)	.705 (17.9)	1.020 (25.9)	.920 (23.4)	1.240 (31.5)	.645 (16.4)	1.880 (47.8)	.760 (19.3)	1.890 (48.0)
16, 17 (E)	.732 (18.6)	1.040 (26.4)	.980 (24.9)	1.300 (33.0)	.738 (18.7)	1.990 (50.5)	.950 (24.1)	1.980 (50.3)
18, 19 (F)	.748 (19.0)	1.050 (26.7)	1.020 (25.9)	1.320 (33.5)	.926 (23.5)	2.180 (55.4)	1.030 (26.2)	2.150 (54.6)
20, 21 (G)	.773 (19.6)	1.070 (27.2)	1.080 (27.4)	1.380 (35.1)	.926 (23.5)	2.180 (55.4)	1.030 (26.2)	2.150 (54.6)
22, 23 (H)	.800 (20.3)	1.110 (28.2)	1.140 (29.0)	1.460 (37.1)	1.020 (25.9)	2.330 (59.2)	1.180 (30.0)	2.260 (57.4)
24, 25 (J)	.823 (20.9)	1.140 (29.0)	1.200 (30.5)	1.530 (38.9)	1.020 (25.9)	2.330 (59.2)	1.180 (30.0)	2.260 (57.4)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	74	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	74											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

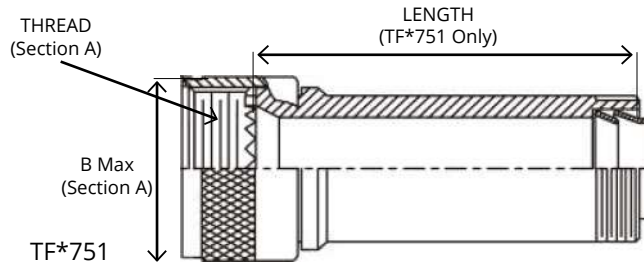
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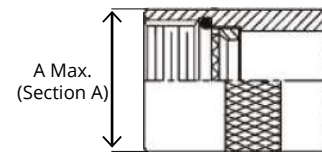
EMI/RFI NON-ENVIRONMENTAL BACKSHELL

TF*751, TF*753, TF*754, TF*758, TF*759

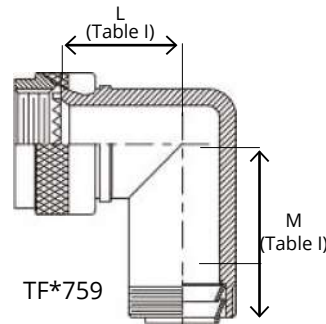
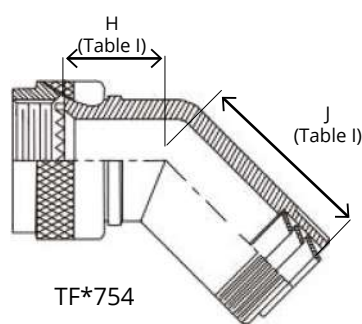
INNER AND OUTER SHIELD TERMINATION (2 OR 3 RINGS)



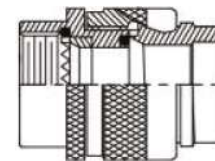
DIRECT COUPLING OPTION (STRAIGHT)



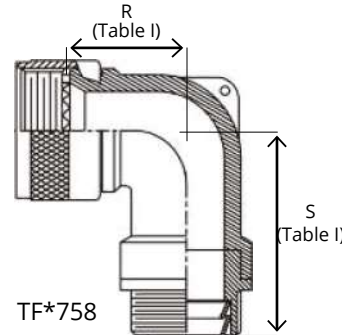
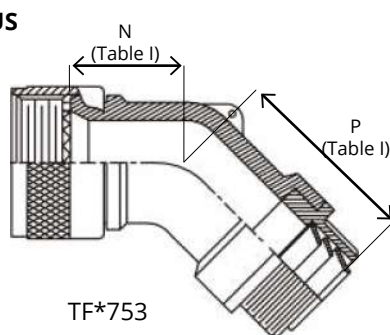
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

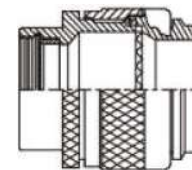


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.639 (16.2)	.950 (24.1)	.750 (19.1)	1.060 (26.9)	.457 (11.6)	1.470 (37.3)	.500 (12.7)	1.480 (37.6)
10, 11 (B)	.664 (16.9)	.980 (24.9)	.810 (20.6)	1.120 (28.4)	.520 (13.2)	1.530 (38.9)	.595 (15.1)	1.600 (40.6)
12, 13 (C)	.688 (17.5)	1.000 (25.4)	.870 (22.1)	1.180 (30.0)	.582 (14.8)	1.590 (40.4)	.610 (15.5)	1.620 (41.1)
14, 15 (D)	.705 (17.9)	1.030 (26.2)	.920 (23.4)	1.250 (31.8)	.645 (16.4)	1.680 (42.7)	.700 (17.8)	1.690 (42.9)
16, 17 (E)	.732 (18.6)	1.050 (26.7)	.980 (24.9)	1.310 (33.3)	.738 (18.7)	1.790 (45.5)	.885 (22.5)	1.950 (49.5)
18, 19 (F)	.748 (19.0)	1.060 (26.9)	1.020 (25.9)	1.330 (33.8)	.926 (23.5)	1.980 (50.3)	.975 (24.8)	2.060 (52.3)
20, 21 (G)	.773 (19.6)	1.080 (27.4)	1.080 (27.4)	1.390 (35.3)	.926 (23.5)	1.980 (50.3)	.975 (24.8)	2.060 (52.3)
22, 23 (H)	.800 (20.3)	1.120 (28.4)	1.140 (29.0)	1.470 (37.3)	1.020 (25.9)	2.130 (54.1)	1.125 (28.6)	2.060 (52.3)
24, 25 (J)	.823 (20.9)	1.150 (29.2)	1.200 (30.5)	1.540 (39.1)	1.020 (25.9)	2.130 (54.1)	1.125 (28.6)	2.060 (52.3)

Notes

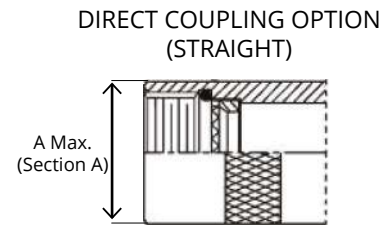
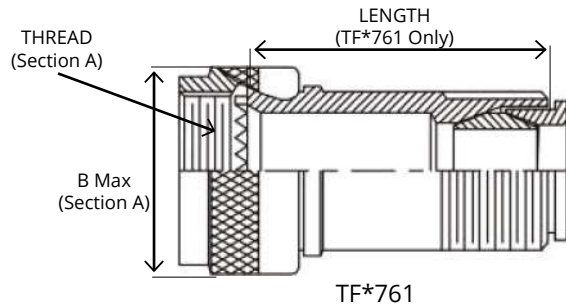
1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	75	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	75											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

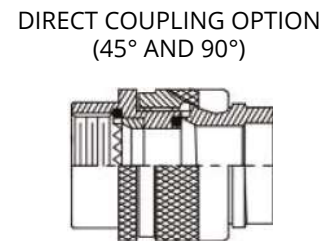
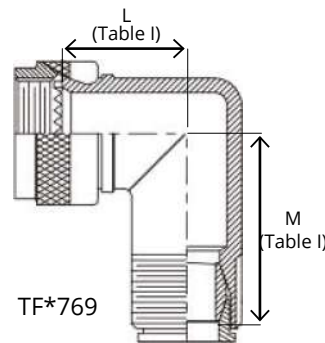
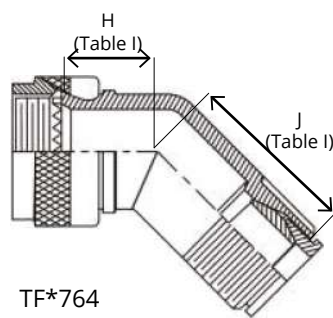
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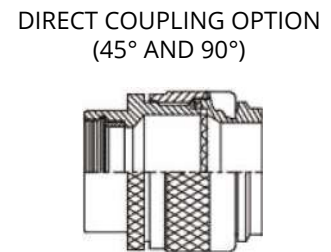
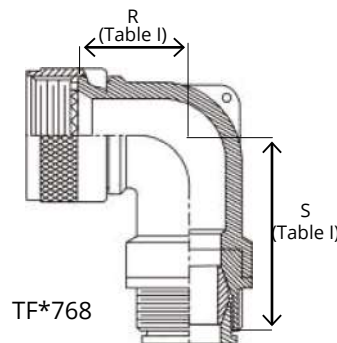
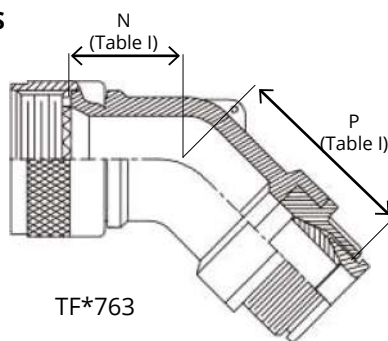
EMI/RFI NON-ENVIRONMENTAL BACKSHELL TF*761, TF*763, TF*764, TF*768, TF*769 INNER AND OUTER SHIELD TERMINATION



STANDARD PROFILE



FULL-RADIUS PROFILE



**TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS**

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.639 (16.2)	1.015 (25.8)	.750 (19.1)	1.125 (28.6)	.457 (11.6)	1.602 (40.7)	.500 (12.7)	1.612 (40.9)
10, 11 (B)	.664 (16.9)	1.045 (26.5)	.810 (20.6)	1.185 (30.1)	.520 (13.2)	1.662 (42.2)	.595 (15.1)	1.732 (44.0)
12, 13 (C)	.688 (17.5)	1.065 (27.1)	.870 (22.1)	1.245 (31.6)	.582 (14.8)	1.722 (43.7)	.610 (15.5)	1.752 (44.5)
14, 15 (D)	.705 (17.9)	1.095 (27.8)	.920 (23.4)	1.315 (33.4)	.645 (16.4)	2.062 (52.4)	.700 (17.8)	2.072 (52.6)
16, 17 (E)	.732 (18.6)	1.115 (28.3)	.980 (24.9)	1.375 (34.9)	.738 (18.7)	2.172 (55.2)	.885 (22.5)	2.162 (54.9)
18, 19 (F)	.748 (19.0)	1.125 (28.6)	1.020 (25.9)	1.395 (35.4)	.926 (23.5)	2.362 (60.0)	.975 (24.8)	2.332 (59.2)
20, 21 (G)	.773 (19.6)	1.145 (29.1)	1.080 (27.4)	1.445 (36.7)	.926 (23.5)	2.362 (60.0)	.975 (24.8)	2.332 (59.2)
22, 23 (H)	.800 (20.3)	1.185 (30.1)	1.140 (29.0)	1.535 (39.0)	1.020 (25.9)	2.512 (63.8)	1.125 (28.6)	2.442 (62.0)
24, 25 (J)	.823 (20.9)	1.215 (30.9)	1.200 (30.5)	1.605 (40.8)	1.020 (25.9)	2.512 (63.8)	1.125 (28.6)	2.442 (62.0)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	76	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	76											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

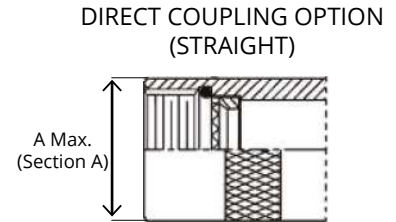
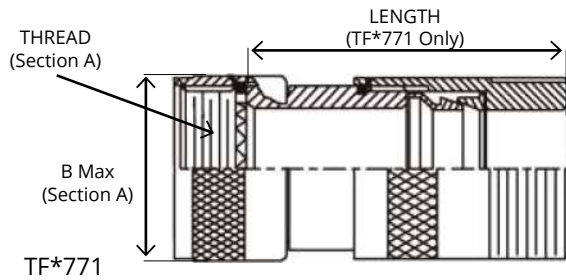
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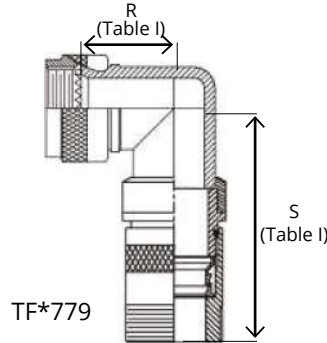
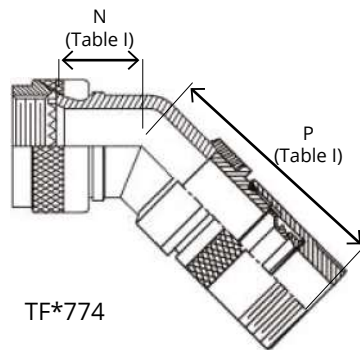
EMI/RFI NON-ENVIRONMENTAL BACKSHELL

TF*771, TF*773, TF*774, TF*778, TF*779

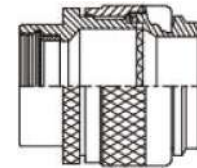
INNER OR OUTER SHIELD TERMINATION



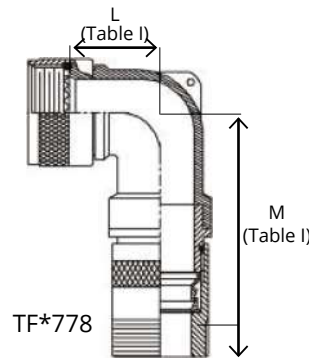
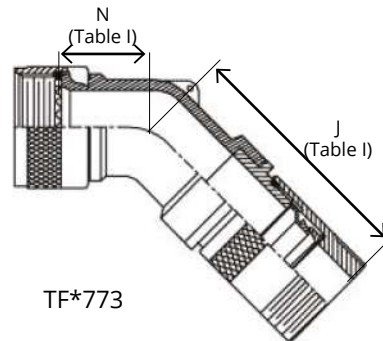
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

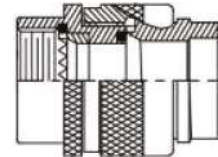


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8,9 (A)	.457 (11.6)	3.460 (87.9)	.510 (13.0)	3.460 (87.9)	.639 (16.2)	3.460 (87.9)	.750 (19.1)	3.460 (87.9)
10, 11 (B)	.520 (13.2)	3.520 (89.4)	.595 (15.1)	3.590 (91.2)	.664 (16.9)	3.520 (89.4)	.810 (20.6)	3.590 (91.2)
12, 13 (C)	.582 (14.8)	3.580 (90.9)	.610 (15.5)	3.610 (91.7)	.688 (17.5)	3.580 (90.9)	.870 (22.1)	3.610 (91.7)
14, 15 (D)	.645 (16.4)	3.900 (99.1)	.700 (17.8)	3.910 (99.3)	.705 (17.9)	3.900 (99.1)	.920 (23.4)	3.910 (99.3)
16, 17 (E)	.738 (18.7)	4.010 (101.9)	.885 (22.5)	4.000 (101.6)	.732 (18.6)	4.010 (101.9)	.980 (24.9)	4.000 (101.6)
18, 19 (F)	.926 (23.5)	4.200 (106.7)	.975 (24.8)	4.170 (105.9)	.748 (19.0)	4.200 (106.7)	1.020 (25.9)	4.170 (105.9)
20, 21 (G)	.926 (23.5)	4.200 (106.7)	.975 (24.8)	4.170 (105.9)	.773 (19.6)	4.200 (106.7)	1.080 (27.4)	4.170 (105.9)
22, 23 (H)	1.020 (25.9)	4.350 (110.5)	1.125 (28.6)	4.280 (108.7)	.800 (20.3)	4.350 (110.5)	1.140 (29.0)	4.280 (108.7)
24, 25 (J)	1.020 (25.9)	4.350 (110.5)	1.125 (28.6)	4.280 (108.7)	.823 (20.9)	4.350 (110.5)	1.200 (30.5)	4.280 (108.7)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	77	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	77											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

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EMI/RFI ENVIRONMENTAL BACKSHELLS

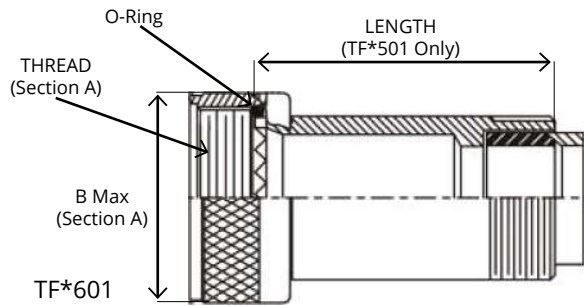
Electromagnetic interference (EMI) and radio frequency interference (RFI) generate interference. When strong external noise fields exist, the conductors of a cable act as antennas and pick up the radiated signals. The reception of this interference results in inaccurate or interrupted data transmission. An effective shield prevents the reception of undesired signals as well as confining extraneous signals generated within the cable itself. EMI/RFI backshells enclose the cable in a tightly woven metal braid comprised of wire strands which is then terminated at one or both ends of the cable to ground potential. The termination and grounding of the shield is accomplished by using a suitable connector backshell. A variety of backshell configurations are available for termination of cable shielding. Environmental backshells protect the wiring side of the connector from dust, dirt, moisture and fluids. Almost all recent military specification cylindrical connectors are designed so that when the wires are inserted through the grommet, and assuming all holes in the grommet contain either a wire or a sealing plug, the connector will be environmentally sealed once the backshell or strain relief is secured.

SERIES	DESCRIPTION	PAGE
60	FULLY SEALED, OUTER TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	104
61	MOISTURE PROOF, OUTER TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	106
62	FULLY SEALED, INNER AND OUTER TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	108
80	FULLY SEALED, OUTER TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	110
81	FULLY SEALED, OUTER TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	112
82	SPLASH PROOF, OUTER TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	114
83	FULLY SEALED, INNER AND OUTER TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	116
84	FULLY SEALED, INNER AND OUTER TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	118
85	SPLASH-PROOF, OUTER SHIELD TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	120
87	FULLY SEALED, INNER AND OUTER SHIELD TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	122
88	FULLY SEALED, INNER AND OUTER SHIELD TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	124
89	FULLY SEALED, INNER AND OUTER SHIELD TERMINATION EMI/RFI ENVIRONMENTAL BACKSHELL	126

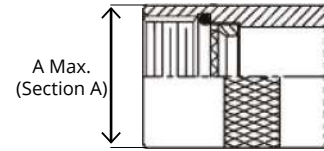
ENVIRONMENTAL BACKSHELL

TF*601, TF*603, TF*604, TF*608, TF*609

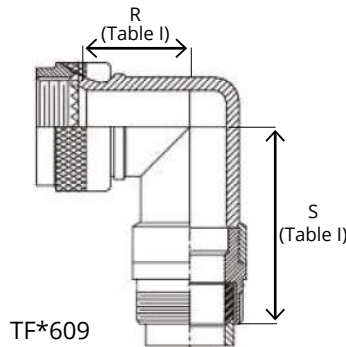
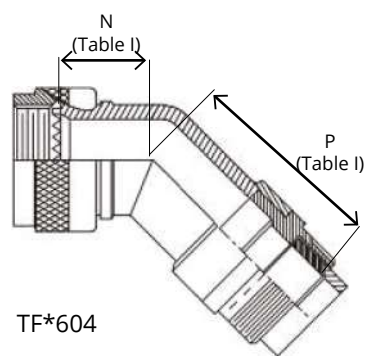
FULLY SEALED



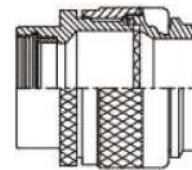
DIRECT COUPLING OPTION (STRAIGHT)



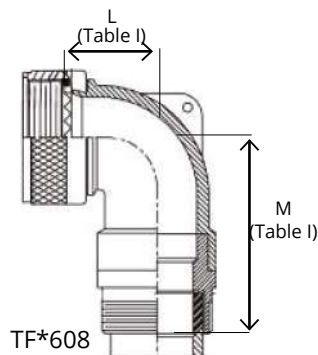
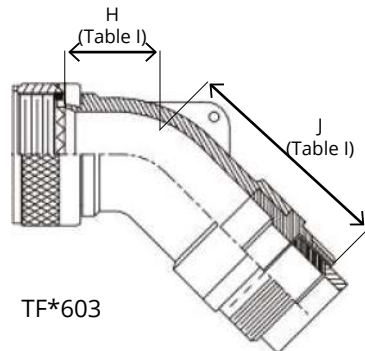
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

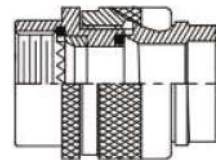


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.457 (11.6)	1.810 (46.0)	.500 (12.7)	1.820 (46.2)	.639 (16.2)	1.810 (46.0)	.750 (19.1)	1.820 (46.2)
10, 11 (B)	.520 (13.2)	1.869 (47.5)	.595 (15.1)	1.940 (49.3)	.664 (16.9)	1.869 (47.5)	.810 (20.6)	1.940 (49.3)
12, 13 (C)	.582 (14.8)	1.929 (49.0)	.610 (15.5)	1.960 (49.8)	.688 (17.5)	1.929 (49.0)	.870 (22.1)	1.960 (49.8)
14, 15 (D)	.645 (16.4)	2.359 (59.9)	.700 (17.8)	2.369 (60.2)	.705 (17.9)	2.359 (59.9)	.920 (23.4)	2.369 (60.2)
16, 17 (E)	.738 (18.7)	2.469 (62.7)	.885 (22.5)	2.459 (62.5)	.732 (18.6)	2.469 (62.7)	.980 (24.9)	2.459 (62.5)
18, 19 (F)	.926 (23.5)	2.659 (67.5)	.975 (24.8)	2.629 (66.8)	.748 (19.0)	2.659 (67.5)	1.020 (25.9)	2.629 (66.8)
20, 21 (G)	.926 (23.5)	2.659 (67.5)	.975 (24.8)	2.629 (66.8)	.773 (19.6)	2.659 (67.5)	1.080 (27.4)	2.629 (66.8)
22, 23 (H)	1.020 (25.9)	2.872 (72.9)	1.125 (28.6)	2.802 (71.2)	.800 (20.3)	2.872 (72.9)	1.140 (29.0)	2.802 (71.2)
24, 25 (J)	1.020 (25.9)	2.872 (72.9)	1.125 (28.6)	2.802 (71.2)	.823 (20.9)	2.872 (72.9)	1.200 (30.5)	2.802 (71.2)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	60	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	60											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

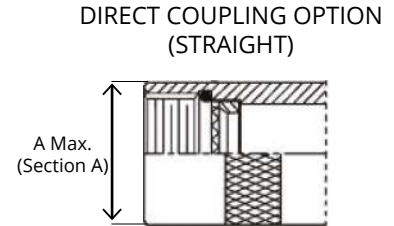
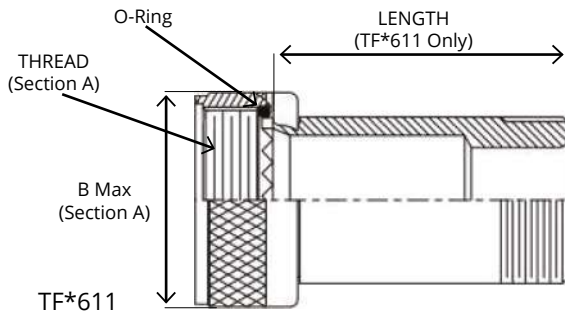
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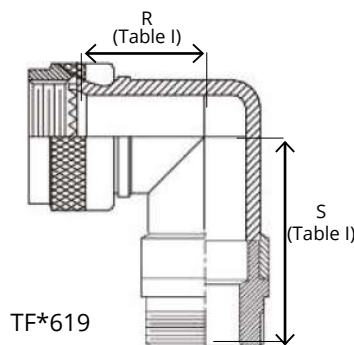
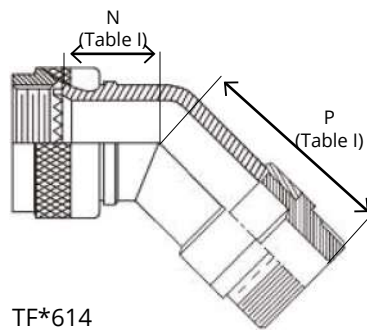
ENVIRONMENTAL BACKSHELL

TF*611, TF*613, TF*614, TF*618, TF*619

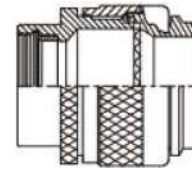
MOISTURE PROOF



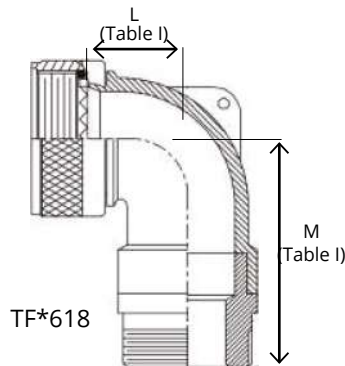
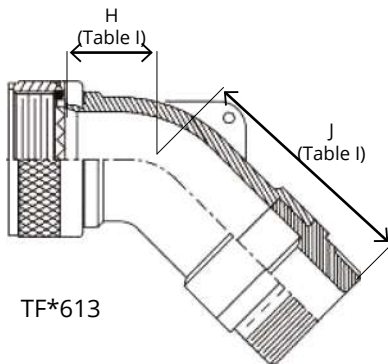
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

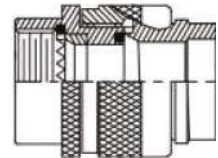


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.457 (11.6)	1.810 (46.0)	.500 (12.7)	1.820 (46.2)	.639 (16.2)	1.810 (46.0)	.750 (19.1)	1.820 (46.2)
10, 11 (B)	.520 (13.2)	1.869 (47.5)	.595 (15.1)	1.940 (49.3)	.664 (16.9)	1.869 (47.5)	.810 (20.6)	1.940 (49.3)
12, 13 (C)	.582 (14.8)	1.929 (49.0)	.610 (15.5)	1.960 (49.8)	.688 (17.5)	1.929 (49.0)	.870 (22.1)	1.960 (49.8)
14, 15 (D)	.645 (16.4)	2.359 (59.9)	.700 (17.8)	2.369 (60.2)	.705 (17.9)	2.359 (59.9)	.920 (23.4)	2.369 (60.2)
16, 17 (E)	.738 (18.7)	2.469 (62.7)	.885 (22.5)	2.459 (62.5)	.732 (18.6)	2.469 (62.7)	.980 (24.9)	2.459 (62.5)
18, 19 (F)	.926 (23.5)	2.659 (67.5)	.975 (24.8)	2.629 (66.8)	.748 (19.0)	2.659 (67.5)	1.020 (25.9)	2.629 (66.8)
20, 21 (G)	.926 (23.5)	2.659 (67.5)	.975 (24.8)	2.629 (66.8)	.773 (19.6)	2.659 (67.5)	1.080 (27.4)	2.629 (66.8)
22, 23 (H)	1.020 (25.9)	2.872 (72.9)	1.125 (28.6)	2.802 (71.2)	.800 (20.3)	2.872 (72.9)	1.140 (29.0)	2.802 (71.2)
24, 25 (J)	1.020 (25.9)	2.872 (72.9)	1.125 (28.6)	2.802 (71.2)	.823 (20.9)	2.872 (72.9)	1.200 (30.5)	2.802 (71.2)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	61	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	61											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

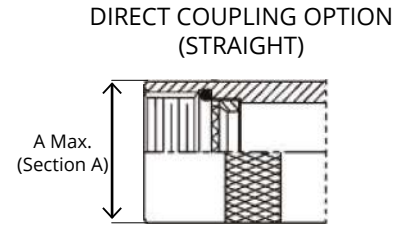
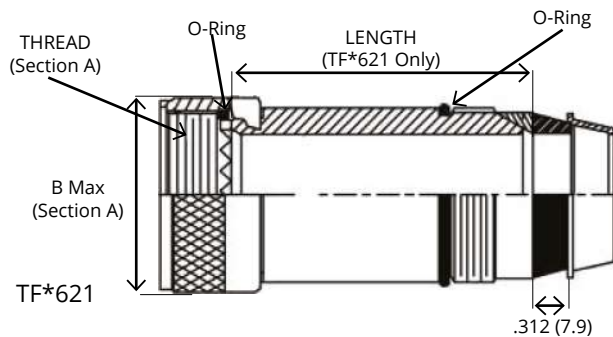
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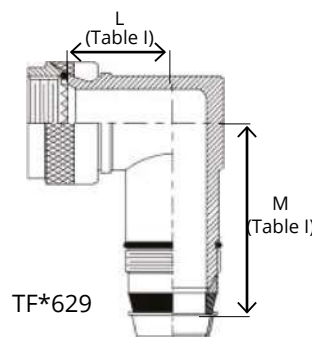
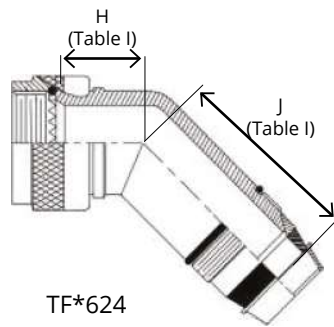
ENVIRONMENTAL BACKSHELL

TF*621, TF*623, TF*624, TF*628, TF*629

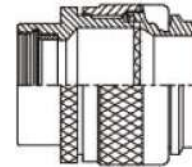
SPLASH PROOF



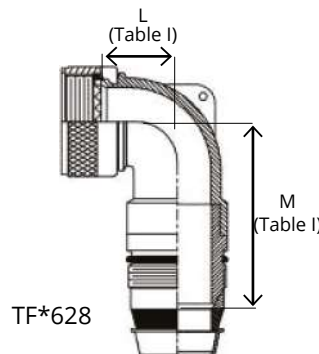
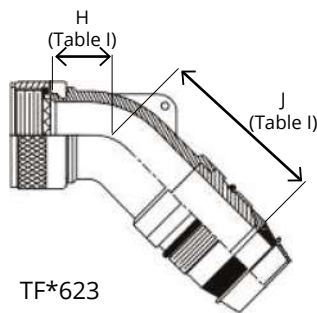
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

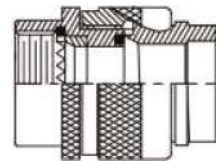


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.457 (11.6)	2.030 (51.6)	.500 (12.7)	2.040 (51.8)	.639 (16.2)	2.030 (51.6)	.750 (19.1)	2.040 (51.8)
10, 11 (B)	.520 (13.2)	2.030 (51.6)	.595 (15.1)	2.040 (51.8)	.664 (16.9)	2.030 (51.6)	.810 (20.6)	2.040 (51.8)
12, 13 (C)	.582 (14.8)	2.090 (53.1)	.610 (15.5)	2.160 (54.9)	.688 (17.5)	2.090 (53.1)	.870 (22.1)	2.160 (54.9)
14, 15 (D)	.645 (16.4)	2.150 (54.6)	.700 (17.8)	2.180 (55.4)	.705 (17.9)	2.150 (54.6)	.920 (23.4)	2.180 (55.4)
16, 17 (E)	.738 (18.7)	2.240 (56.9)	.885 (22.5)	2.250 (57.2)	.732 (18.6)	2.240 (56.9)	.980 (24.9)	2.250 (57.2)
18, 19 (F)	.926 (23.5)	2.340 (59.4)	.975 (24.8)	2.340 (59.4)	.748 (19.0)	2.340 (59.4)	1.020 (25.9)	2.340 (59.4)
20, 21 (G)	.926 (23.5)	2.340 (59.4)	.975 (24.8)	2.340 (59.4)	.773 (19.6)	2.340 (59.4)	1.080 (27.4)	2.340 (59.4)
22, 23 (H)	1.020 (25.9)	2.540 (64.5)	1.125 (28.6)	2.510 (63.8)	.800 (20.3)	2.540 (64.5)	1.140 (29.0)	2.510 (63.8)
24, 25 (J)	1.020 (25.9)	2.540 (64.5)	1.125 (28.6)	2.510 (63.8)	.823 (20.9)	2.540 (64.5)	1.200 (30.5)	2.510 (63.8)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	62	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	62											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

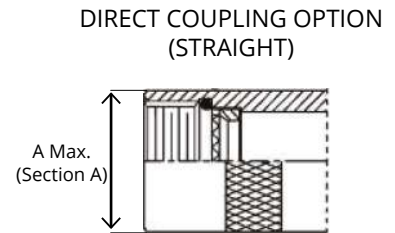
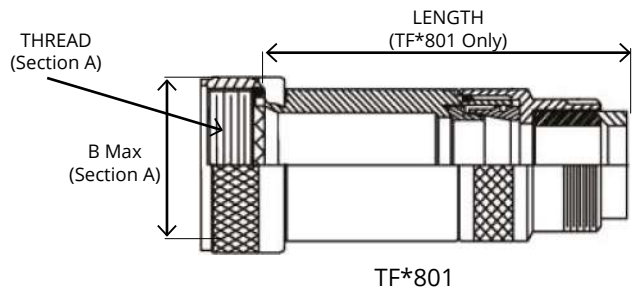
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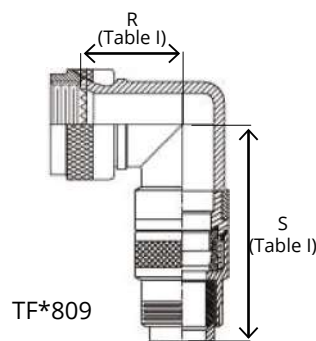
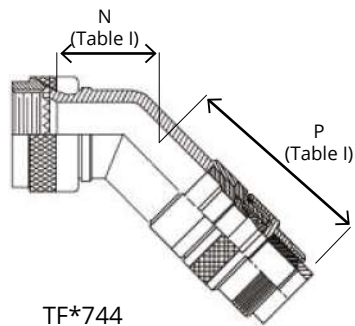
EMI/RFI ENVIRONMENTAL BACKSHELL

TF*801, TF*803, TF*804, TF*808, TF*809

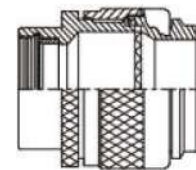
FULLY SEALED, OUTER SHIELD TERMINATION



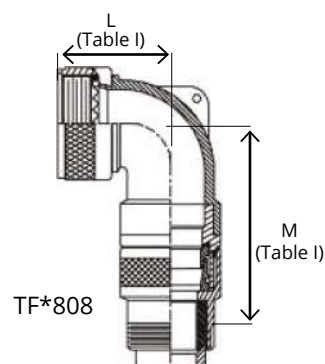
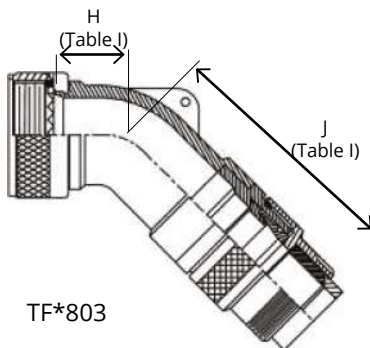
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

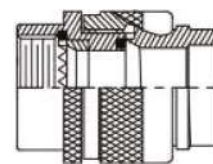


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.457 (11.6)	1.760 (44.7)	.500 (12.7)	1.880 (47.8)	.639 (16.2)	1.760 (44.7)	.750 (19.1)	1.880 (47.8)
10, 11 (B)	.520 (13.2)	1.920 (48.8)	.595 (15.1)	1.990 (50.5)	.664 (16.9)	1.920 (48.8)	.810 (20.6)	1.990 (50.5)
12, 13 (C)	.582 (14.8)	1.990 (50.5)	.610 (15.5)	2.020 (51.3)	.688 (17.5)	1.990 (50.5)	.870 (22.1)	2.020 (51.3)
14, 15 (D)	.645 (16.4)	2.144 (54.5)	.700 (17.8)	2.154 (54.7)	.705 (17.9)	2.144 (54.5)	.920 (23.4)	2.154 (54.7)
16, 17 (E)	.738 (18.7)	2.254 (57.3)	.885 (22.5)	2.244 (57.0)	.732 (18.6)	2.254 (57.3)	.980 (24.9)	2.244 (57.0)
18, 19 (F)	.926 (23.5)	2.444 (62.1)	.975 (24.8)	2.414 (61.3)	.748 (19.0)	2.444 (62.1)	1.020 (25.9)	2.414 (61.3)
20, 21 (G)	.926 (23.5)	2.444 (62.1)	.975 (24.8)	2.414 (61.3)	.773 (19.6)	2.444 (62.1)	1.080 (27.4)	2.414 (61.3)
22, 23 (H)	1.020 (25.9)	2.657 (67.5)	1.125 (28.6)	2.587 (65.7)	.800 (20.3)	2.657 (67.5)	1.140 (29.0)	2.587 (65.7)
24, 25 (J)	1.020 (25.9)	2.657 (67.5)	1.125 (28.6)	2.587 (65.7)	.823 (20.9)	2.657 (67.5)	1.200 (30.5)	2.587 (65.7)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	80	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	80											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

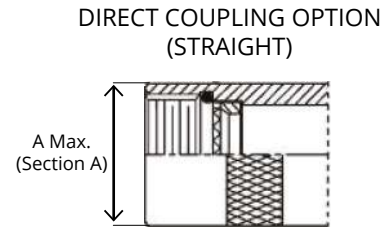
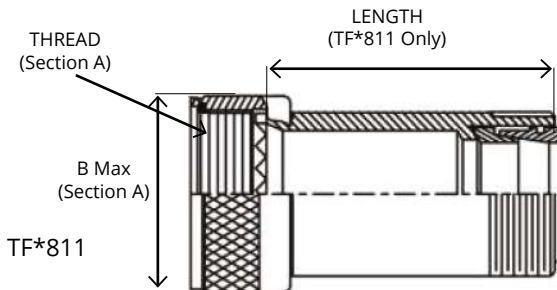
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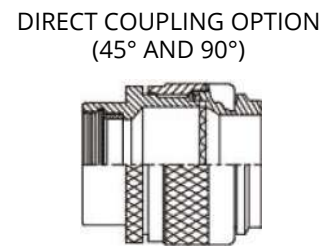
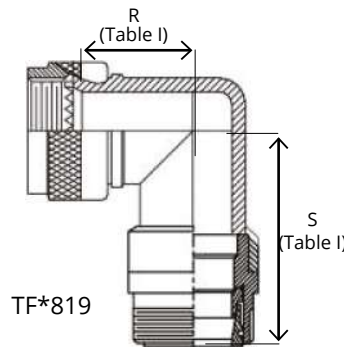
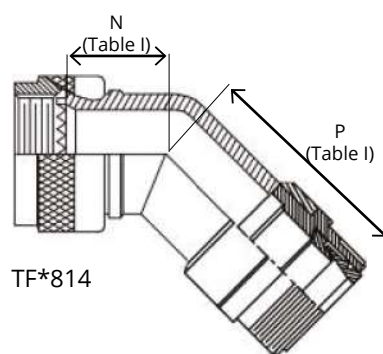
EMI/RFI ENVIRONMENTAL BACKSHELL

TF*811, TF*813, TF*814, TF*818, TF*819

MOISTURE PROOF, OUTER SHIELD TERMINATION



STANDARD PROFILE



FULL-RADIUS PROFILE

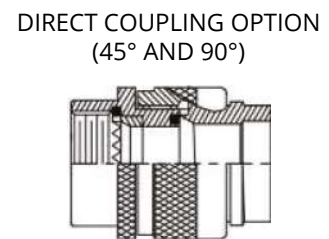
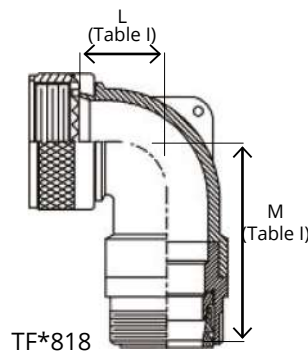
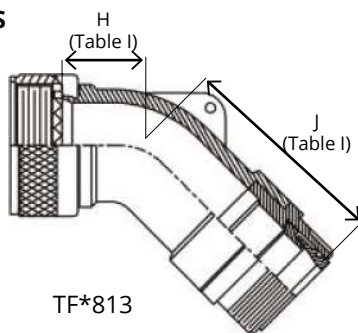


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H MAX	J MAX	L MAX	M MAX	N MAX	P MAX	R MAX	S MAX
8, 9 (A)	.457 (11.6)	1.602 (40.7)	.500 (12.7)	1.612 (40.9)	.639 (16.2)	1.602 (40.7)	.750 (19.1)	1.612 (40.9)
10, 11 (B)	.520 (13.2)	1.662 (42.2)	.595 (15.1)	1.732 (44.0)	.664 (16.9)	1.662 (42.2)	.810 (20.6)	1.732 (44.0)
12, 13 (C)	.582 (14.8)	1.722 (43.7)	.610 (15.5)	1.752 (44.5)	.688 (17.5)	1.722 (43.7)	.870 (22.1)	1.752 (44.5)
14, 15 (D)	.645 (16.4)	2.062 (52.4)	.700 (17.8)	2.072 (52.6)	.705 (17.9)	2.062 (52.4)	.920 (23.4)	2.072 (52.6)
16, 17 (E)	.738 (18.7)	2.172 (55.2)	.885 (22.5)	2.162 (54.9)	.732 (18.6)	2.172 (55.2)	.980 (24.9)	2.162 (54.9)
18, 19 (F)	.926 (23.5)	2.362 (60.0)	.975 (24.8)	2.332 (59.2)	.748 (19.0)	2.362 (60.0)	1.020 (25.9)	2.332 (59.2)
20, 21 (G)	.926 (23.5)	2.362 (60.0)	.975 (24.8)	2.332 (59.2)	.773 (19.6)	2.362 (60.0)	1.080 (27.4)	2.332 (59.2)
22, 23 (H)	1.020 (25.9)	2.512 (63.8)	1.125 (28.6)	2.442 (62.0)	.800 (20.3)	2.512 (63.8)	1.140 (29.0)	2.442 (62.0)
24, 25 (J)	1.020 (25.9)	2.512 (63.8)	1.125 (28.6)	2.442 (62.0)	.823 (20.9)	2.512 (63.8)	1.200 (30.5)	2.442 (62.0)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	81	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	81											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

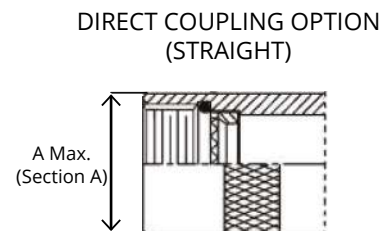
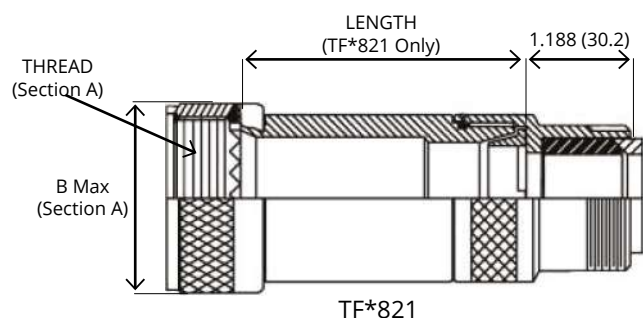
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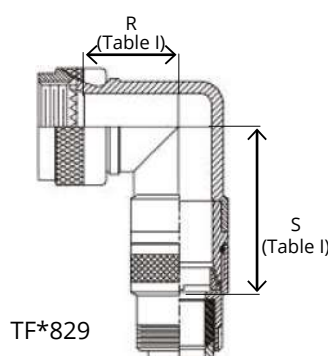
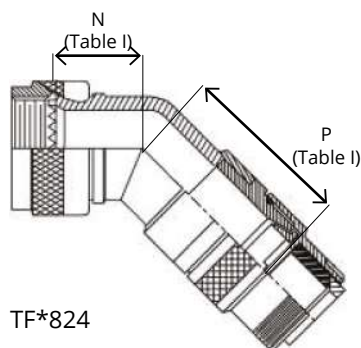
EMI/RFI ENVIRONMENTAL BACKSHELL

TF*821, TF*823, TF*824, TF*828, TF*829

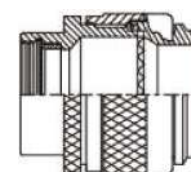
FULLY SEALED, INNER AND OUTER SHIELD TERMINATION



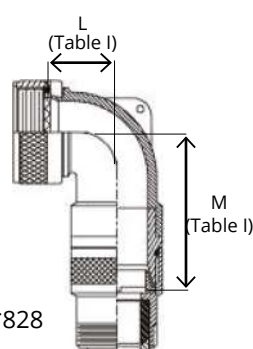
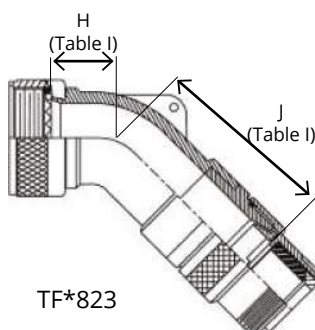
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

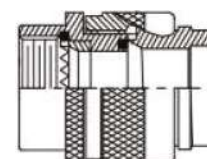


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H	J	L	M	N	P	R	S
8, 9 (A)	N/A	N/A	.500 (12.7)	2.551 (64.8)	N/A	N/A	.750 (19.1)	2.551 (64.8)
10, 11 (B)	.520 (13.2)	2.601 (66.1)	.595 (15.1)	2.671 (67.8)	.664 (16.9)	2.601 (66.1)	.810 (20.6)	2.671 (67.8)
12, 13 (C)	.582 (14.8)	2.661 (67.6)	.610 (15.5)	2.691 (68.4)	.688 (17.5)	2.661 (67.6)	.870 (22.1)	2.691 (68.4)
14, 15 (D)	.645 (16.4)	3.091 (78.5)	.700 (17.8)	3.101 (78.8)	.705 (17.9)	3.091 (78.5)	.920 (23.4)	3.101 (78.8)
16, 17 (E)	.738 (18.7)	3.201 (81.3)	.885 (22.5)	3.191 (81.1)	.732 (18.6)	3.201 (81.3)	.980 (24.9)	3.191 (81.1)
18, 19 (F)	.926 (23.5)	3.391 (86.1)	.975 (24.8)	3.361 (85.4)	.748 (19.0)	3.391 (86.1)	1.020 (25.9)	3.361 (85.4)
20, 21 (G)	.926 (23.5)	3.391 (86.1)	.975 (24.8)	3.361 (85.4)	.773 (19.6)	3.391 (86.1)	1.080 (27.4)	3.361 (85.4)
22, 23 (H)	1.020 (25.9)	3.604 (91.5)	1.125 (28.6)	3.534 (89.8)	.800 (20.3)	3.604 (91.5)	1.140 (29.0)	3.534 (89.8)
24, 25 (J)	1.020 (25.9)	3.604 (91.5)	1.125 (28.6)	3.534 (89.8)	.823 (20.9)	3.604 (91.5)	1.200 (30.5)	3.534 (89.8)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	82	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	82											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

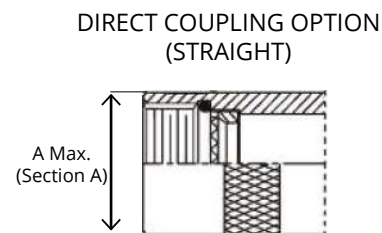
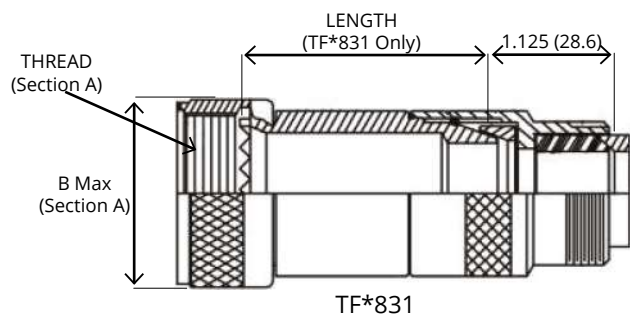
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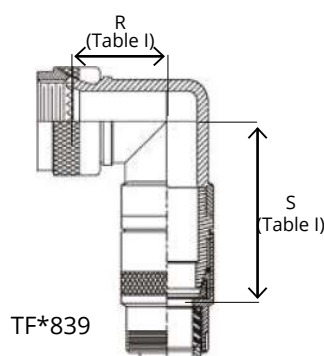
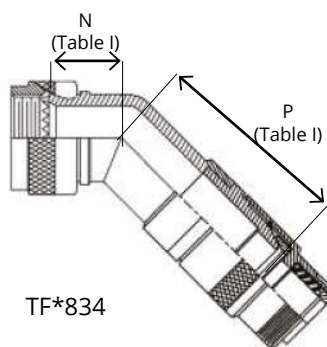
EMI/RFI ENVIRONMENTAL BACKSHELL

TF*831, TF*833, TF*834, TF*838, TF*839

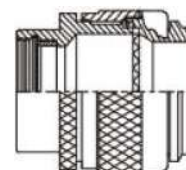
FULLY SEALED, OUTER SHIELD TERMINATION



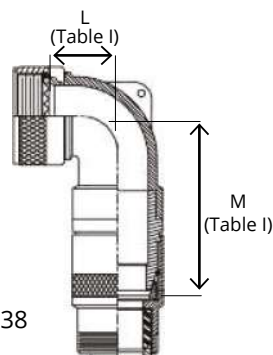
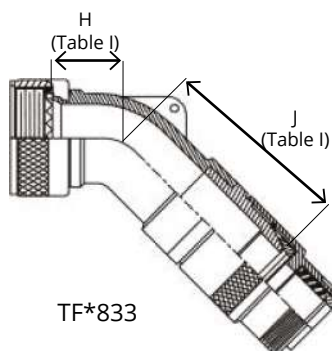
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

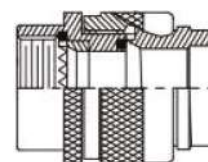


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H	J	L	M	N	P	R	S
8,9 (A)	N/A	N/A	.500 (12.7)	2.725 (69.2)	N/A	N/A	.750 (19.1)	2.725 (69.2)
10, 11 (B)	.520 (13.2)	2.775 (70.5)	.595 (15.1)	2.845 (72.3)	.664 (16.9)	2.775 (70.5)	.810 (20.6)	2.845 (72.3)
12, 13 (C)	.582 (14.8)	2.835 (72.0)	.610 (15.5)	2.865 (72.8)	.688 (17.5)	2.835 (72.0)	.870 (22.1)	2.865 (72.8)
14, 15 (D)	.645 (16.4)	3.554 (90.3)	.700 (17.8)	3.564 (90.5)	.705 (17.9)	3.554 (90.3)	.920 (23.4)	3.564 (90.5)
16, 17 (E)	.738 (18.7)	3.664 (93.1)	.885 (22.5)	3.654 (92.8)	.732 (18.6)	3.664 (93.1)	.980 (24.9)	3.654 (92.8)
18, 19 (F)	.926 (23.5)	3.854 (97.9)	.975 (24.8)	3.824 (97.1)	.748 (19.0)	3.854 (97.9)	1.020 (25.9)	3.824 (97.1)
20, 21 (G)	.926 (23.5)	3.854 (97.9)	.975 (24.8)	3.824 (97.1)	.773 (19.6)	3.854 (97.9)	1.080 (27.4)	3.824 (97.1)
22, 23 (H)	1.020 (25.9)	4.192 (106.5)	1.125 (28.6)	4.122 (104.7)	.800 (20.3)	4.192 (106.5)	1.140 (29.0)	4.122 (104.7)
24, 25 (J)	1.020 (25.9)	4.192 (106.5)	1.125 (28.6)	4.122 (104.7)	.823 (20.9)	4.192 (106.5)	1.200 (30.5)	4.122 (104.7)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	83	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	83											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

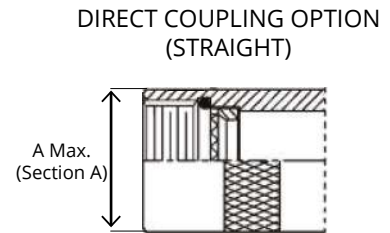
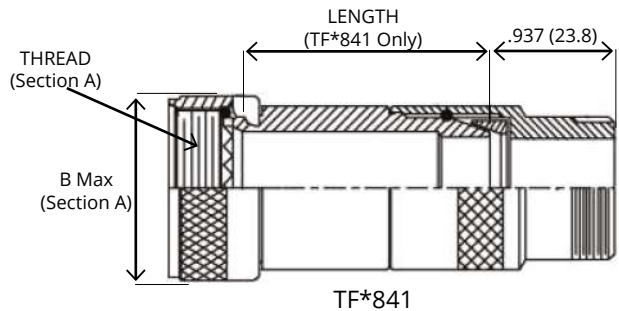
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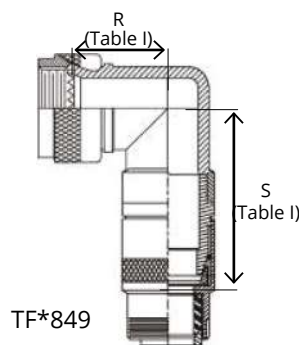
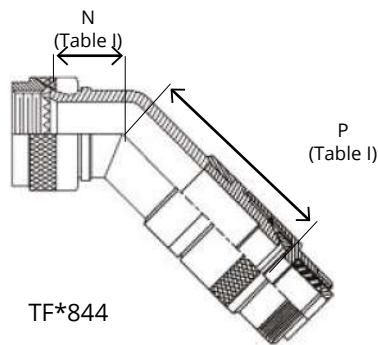
EMI/RFI ENVIRONMENTAL BACKSHELL

TF*841, TF*843, TF*844, TF*848, TF*849

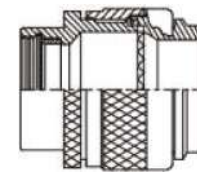
FULLY SEALED, OUTER SHIELD TERMINATION



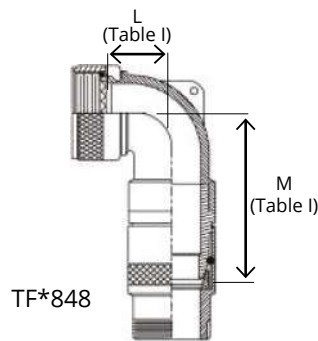
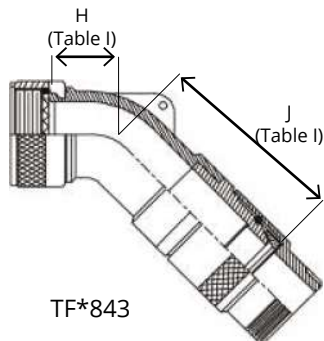
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

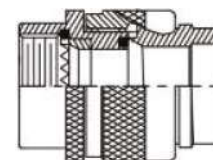


TABLE I
DIMENSIONAL CHART – 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H	J	L	M	N	P	R	S
8, 9 (A)	N/A	N/A	.500 (12.7)	2.725 (69.2)	N/A	N/A	.750 (19.1)	2.725 (69.2)
10, 11 (B)	.520 (13.2)	2.775 (70.5)	.595 (15.1)	2.845 (72.3)	.664 (16.9)	2.775 (70.5)	.810 (20.6)	2.845 (72.3)
12, 13 (C)	.582 (14.8)	2.835 (72.0)	.610 (15.5)	2.865 (72.8)	.688 (17.5)	2.835 (72.0)	.870 (22.1)	2.865 (72.8)
14, 15 (D)	.645 (16.4)	3.554 (90.3)	.700 (17.8)	3.564 (90.5)	.705 (17.9)	3.554 (90.3)	.920 (23.4)	3.564 (90.5)
16, 17 (E)	.738 (18.7)	3.664 (93.1)	.885 (22.5)	3.654 (92.8)	.732 (18.6)	3.664 (93.1)	.980 (24.9)	3.654 (92.8)
18, 19 (F)	.926 (23.5)	3.854 (97.9)	.975 (24.8)	3.824 (97.1)	.748 (19.0)	3.854 (97.9)	1.020 (25.9)	3.824 (97.1)
20, 21 (G)	.926 (23.5)	3.854 (97.9)	.975 (24.8)	3.824 (97.1)	.773 (19.6)	3.854 (97.9)	1.080 (27.4)	3.824 (97.1)
22, 23 (H)	1.020 (25.9)	4.192 (106.5)	1.125 (28.6)	4.122 (104.7)	.800 (20.3)	4.192 (106.5)	1.140 (29.0)	4.122 (104.7)
24, 25 (J)	1.020 (25.9)	4.192 (106.5)	1.125 (28.6)	4.122 (104.7)	.823 (20.9)	4.192 (106.5)	1.200 (30.5)	4.122 (104.7)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	84	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	84											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

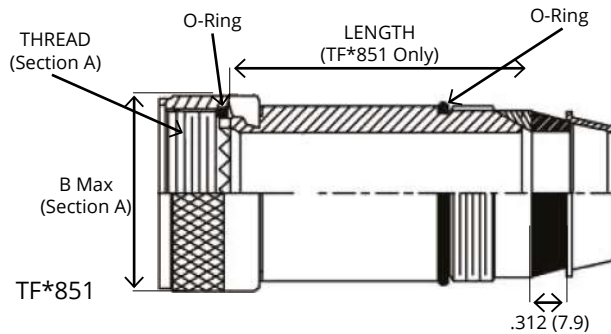
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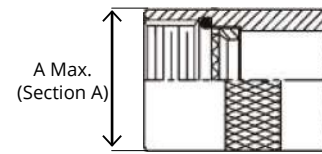
EMI/RFI ENVIRONMENTAL BACKSHELL

TF*851, TF*853, TF*854, TF*858, TF*859

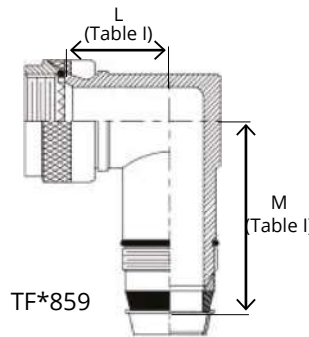
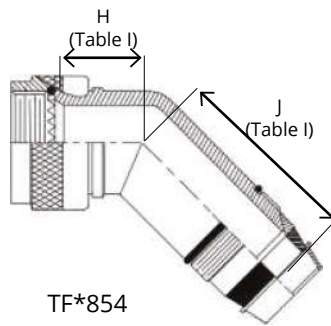
SPLASH-PROOF, OUTER SHIELD TERMINATION



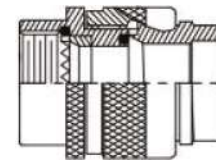
DIRECT COUPLING OPTION (STRAIGHT)



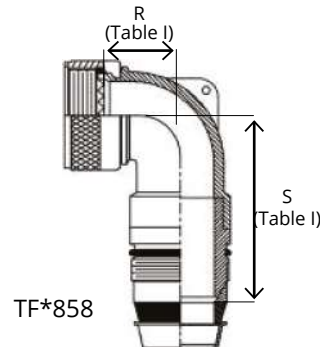
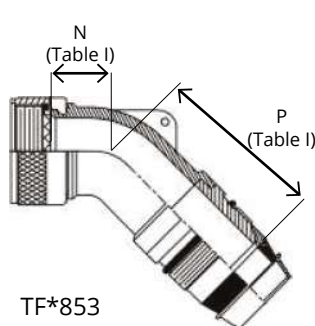
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

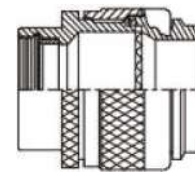


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H	J	L	M	N	P	R	S
8, 9 (A)	.398 (10.1)	2.210 (56.1)	.438 (11.1)	2.080 (52.8)	N/A	N/A	.500 (12.7)	1.698 (43.1)
10, 11 (B)	.458 (11.6)	2.270 (57.7)	.533 (13.5)	2.120 (53.8)	.520 (13.2)	1.748 (44.4)	.595 (15.1)	1.818 (46.2)
12, 13 (C)	.518 (13.2)	2.330 (59.2)	.548 (13.9)	2.090 (53.1)	.582 (14.8)	1.808 (45.9)	.610 (15.5)	1.838 (46.7)
14, 15 (D)	.588 (14.9)	2.420 (61.5)	.638 (16.2)	2.090 (53.1)	.645 (16.4)	1.898 (48.2)	.700 (17.8)	1.908 (48.5)
16, 17 (E)	.678 (17.2)	2.530 (64.3)	.823 (20.9)	2.130 (54.1)	.738 (18.7)	2.008 (51.0)	.885 (22.5)	1.998 (50.7)
18, 19 (F)	.868 (22.0)	2.720 (69.1)	.913 (23.2)	2.250 (57.2)	.926 (23.5)	2.198 (55.8)	.975 (24.8)	2.168 (55.1)
20, 21 (G)	.868 (22.0)	2.720 (69.1)	.913 (23.2)	2.180 (55.4)	.926 (23.5)	2.198 (55.8)	.975 (24.8)	2.168 (55.1)
22, 23 (H)	.958 (24.3)	2.870 (72.9)	1.063 (27.0)	2.240 (56.9)	1.020 (25.9)	2.348 (59.6)	1.125 (28.6)	2.278 (57.9)
24, 25 (J)	.958 (24.3)	2.870 (72.9)	1.063 (27.0)	2.170 (55.1)	1.020 (25.9)	2.348 (59.6)	1.125 (28.6)	2.278 (57.9)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	85	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	85											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

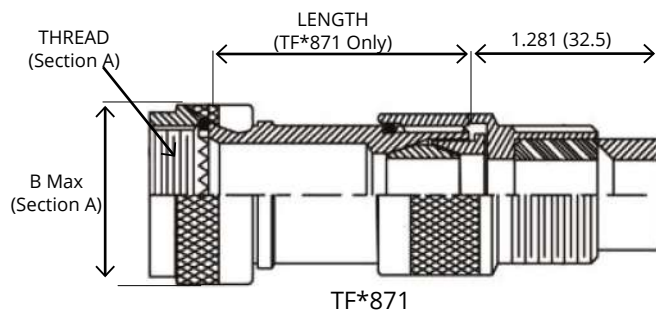
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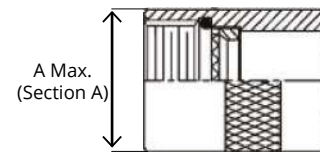
EMI/RFI ENVIRONMENTAL BACKSHELL

TF*871, TF*873, TF*874, TF*878, TF*879

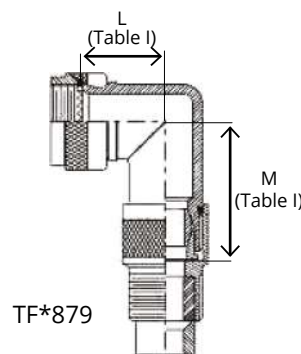
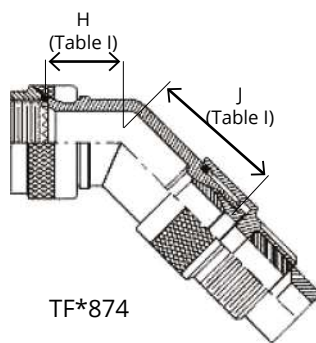
FULLY SEALED, INNER AND OUTER SHIELD TERMINATION



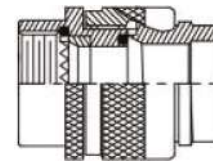
DIRECT COUPLING OPTION (STRAIGHT)



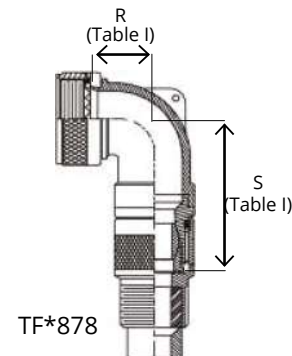
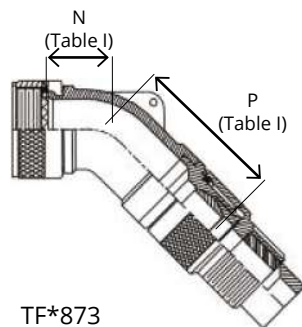
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

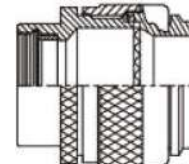


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H	J	L	M	N	P	R	S
8, 9 (A)	.639 (16.2)	1.031 (26.2)	.750 (19.1)	1.157 (29.4)	.457 (11.6)	1.760 (44.7)	.500 (12.7)	1.880 (47.8)
10, 11 (B)	.664 (16.9)	1.063 (27.0)	.810 (20.6)	1.217 (30.9)	.520 (13.2)	1.920 (48.8)	.595 (15.1)	1.990 (50.5)
12, 13 (C)	.688 (17.5)	1.094 (27.8)	.870 (22.1)	1.277 (32.4)	.582 (14.8)	1.990 (50.5)	.610 (15.5)	2.020 (51.3)
14, 15 (D)	.705 (17.9)	1.119 (28.4)	.920 (23.4)	1.347 (34.2)	.645 (16.4)	2.144 (54.5)	.700 (17.8)	2.154 (54.7)
16, 17 (E)	.732 (18.6)	1.147 (29.1)	.980 (24.9)	1.407 (35.7)	.738 (18.7)	2.254 (57.3)	.885 (22.5)	2.244 (57.0)
18, 19 (F)	.748 (19.0)	1.157 (29.4)	1.020 (25.9)	1.427 (36.2)	.926 (23.5)	2.444 (62.1)	.975 (24.8)	2.414 (61.3)
20, 21 (G)	.773 (19.6)	1.177 (29.9)	1.080 (27.4)	1.487 (37.8)	.926 (23.5)	2.444 (62.1)	.975 (24.8)	2.414 (61.3)
22, 23 (H)	.800 (20.3)	1.217 (30.9)	1.140 (29.0)	1.567 (39.8)	1.020 (25.9)	2.657 (67.5)	1.125 (28.6)	2.587 (65.7)
24, 25 (J)	.823 (20.9)	1.247 (31.7)	1.200 (30.5)	1.637 (41.6)	1.020 (25.9)	2.657 (67.5)	1.125 (28.6)	2.587 (65.7)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	87	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	87											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

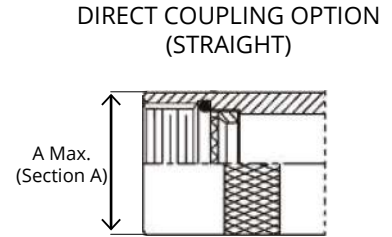
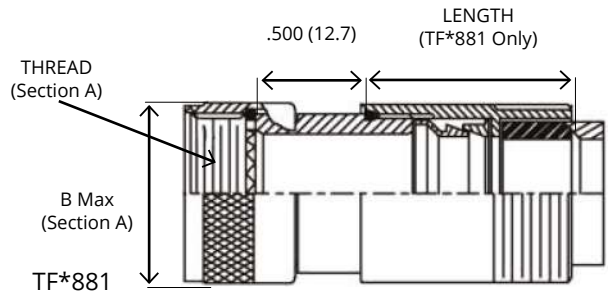
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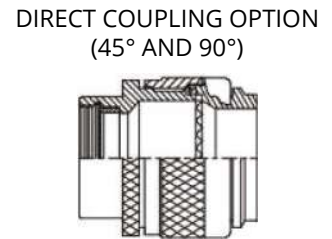
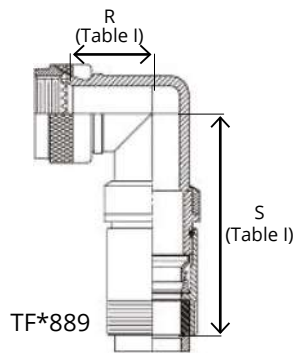
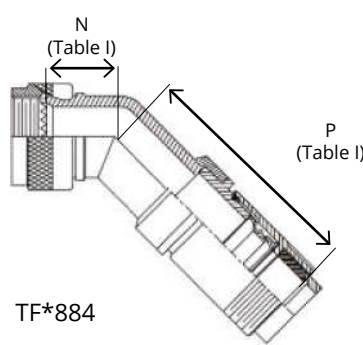
EMI/RFI ENVIRONMENTAL BACKSHELL

TF*881, TF*883, TF*884, TF*888, TF*889

FULLY SEALED, INNER AND OUTER SHIELD TERMINATION



STANDARD PROFILE



FULL-RADIUS PROFILE

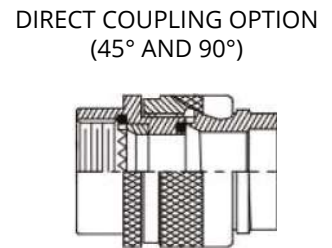
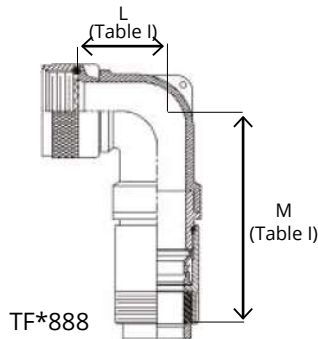
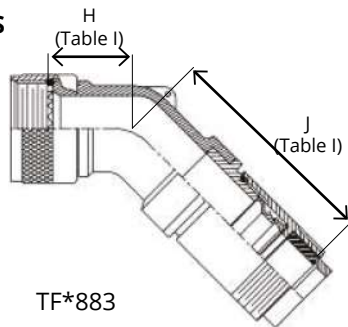


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H	J	L	M	N	P	R	S
8, 9 (A)	.457 (11.6)	3.460 (87.9)	.500 (12.7)	3.460 (87.9)	.639 (16.2)	3.460 (87.9)	.750 (19.1)	3.460 (87.9)
10, 11 (B)	.520 (13.2)	3.520 (89.4)	.595 (15.1)	3.590 (91.2)	.664 (16.9)	3.520 (89.4)	.810 (20.6)	3.590 (91.2)
12, 13 (C)	.582 (14.8)	3.580 (90.9)	.610 (15.5)	3.610 (91.7)	.688 (17.5)	3.580 (90.9)	.870 (22.1)	3.610 (91.7)
14, 15 (D)	.645 (16.4)	3.900 (99.1)	.700 (17.8)	3.910 (99.3)	.705 (17.9)	3.900 (99.1)	.920 (23.4)	3.910 (99.3)
16, 17 (E)	.738 (18.7)	4.010 (101.9)	.885 (22.5)	4.000(101.6)	.732 (18.6)	4.010 (101.9)	.980 (24.9)	4.000(101.6)
18, 19 (F)	.926 (23.5)	4.200 (106.7)	.975 (24.8)	4.170(105.9)	.748 (19.0)	4.200 (106.7)	1.020 (25.9)	4.170(105.9)
20, 21 (G)	.926 (23.5)	4.200 (106.7)	.975 (24.8)	4.170(105.9)	.773 (19.6)	4.200 (106.7)	1.080 (27.4)	4.170(105.9)
22, 23 (H)	1.020 (25.9)	4.350 (110.5)	1.125 (28.6)	4.280(108.7)	.800 (20.3)	4.350 (110.5)	1.140 (29.0)	4.280(108.7)
24, 25 (J)	1.020 (25.9)	4.350 (110.5)	1.125 (28.6)	4.280(108.7)	.823 (20.9)	4.350 (110.5)	1.200 (30.5)	4.280(108.7)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	88	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	88											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

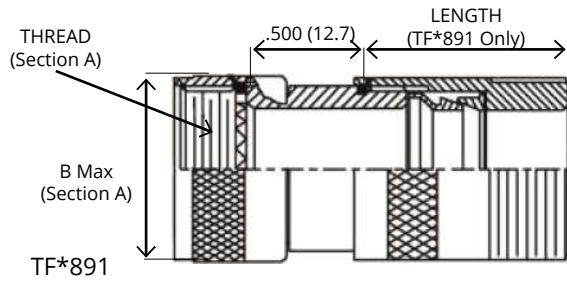
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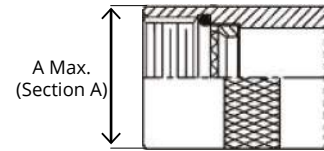
EMI/RFI ENVIRONMENTAL BACKSHELL SERIES

TF*891, TF*893, TF*894, TF*898, TF*899

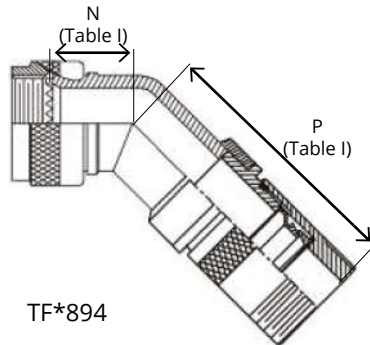
FULLY SEALED, INNER AND OUTER SHIELD TERMINATION



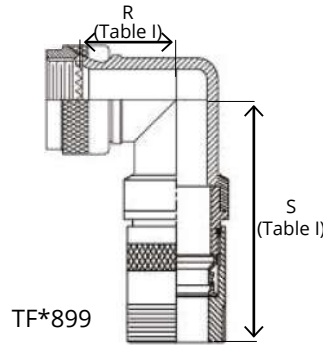
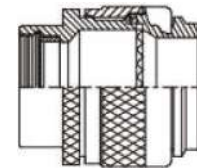
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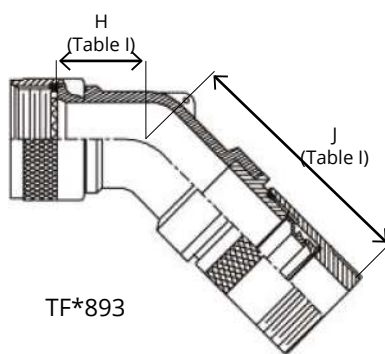
STANDARD PROFILE



DIRECT COUPLING OPTION (45° AND 90°)



FULL-RADIUS PROFILE



DIRECT COUPLING OPTION (45° AND 90°)

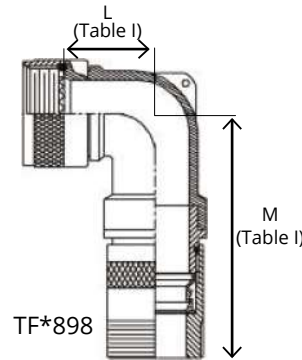
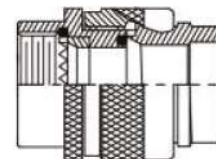


TABLE I
DIMENSIONAL CHART - 45 AND 90 DEGREE ADAPTERS

SHELL SIZE	H	J	L	M	N	P	R	S
8, 9 (A)	.457 (11.6)	1.780 (45.2)	.500 (12.7)	1.780 (45.2)	.639 (16.2)	1.780 (45.2)	.750 (19.1)	1.780 (45.2)
10, 11 (B)	.520 (13.2)	1.840 (46.7)	.595 (15.1)	1.910 (48.5)	.664 (16.9)	1.840 (46.7)	.810 (20.6)	1.910 (48.5)
12, 13 (C)	.582 (14.8)	1.900 (48.3)	.610 (15.5)	1.930 (49.0)	.688 (17.5)	1.900 (48.3)	.870 (22.1)	1.930 (49.0)
14, 15 (D)	.645 (16.4)	2.220 (56.4)	.700 (17.8)	2.230 (56.6)	.705 (17.9)	2.220 (56.4)	.920 (23.4)	2.230 (56.6)
16, 17 (E)	.738 (18.7)	2.330 (59.2)	.885 (22.5)	2.320 (58.9)	.732 (18.6)	2.330 (59.2)	.980 (24.9)	2.320 (58.9)
18, 19 (F)	.926 (23.5)	2.520 (64.0)	.975 (24.8)	2.490 (63.2)	.748 (19.0)	2.520 (64.0)	1.020 (25.9)	2.490 (63.2)
20, 21 (G)	.926 (23.5)	2.520 (64.0)	.975 (24.8)	2.490 (63.2)	.773 (19.6)	2.520 (64.0)	1.080 (27.4)	2.490 (63.2)
22, 23 (H)	1.020 (25.9)	2.670 (67.8)	1.125 (28.6)	2.600 (66.0)	.800 (20.3)	2.670 (67.8)	1.140 (29.0)	2.600 (66.0)
24, 25 (J)	1.020 (25.9)	2.670 (67.8)	1.125 (28.6)	2.600 (66.0)	.823 (20.9)	2.670 (67.8)	1.200 (30.5)	2.600 (66.0)

Notes

1. This table specifies standard dimensions for TopFlite's adapters. If the customer requires dimensions that vary from provided catalog dimensions, please contact your TopFlite sales representative.
2. For additional shell size dimensions, such as those for TopFlite's Micro Miniature (M&M Connector™) Series, please contact the factory for the appropriate engineering drawing.

PART NUMBER BREAKDOWN												
EXAMPLE PART NUMBER	TF	A	89	1	F	2	-08	03	-6	-A	-ZXXX	
STANDARD PREFIX												
CONNECTOR INTERFACE	A - MIL-DTL-5015, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES III B - MIL-DTL-26482 SERIES I C - MIL-DTL-38999 SERIES I & II D - MIL-DTL-38999 SERIES III & IV (PLEASE REFER TO PAGE 3 FOR ADDITIONAL INTERFACE CODES)											
SERIES	89											
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE 3 - 45 DEGREE, FULL RADIUS/SWEEPING 8 - 90 DEGREE, FULL RADIUS/SWEEPING											
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)											
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING 3 - RATCHETING COUPLING 4 - ANTI-DECOUPLING VIA WAVE SPRING											
SHELL SIZE	08 11 15 ETC.											
CABLE ENTRY	03 34 ETC. (SEE CABLE ENTRY CHART PAGE 3)											
LENGTH	1/4 INCREMENTS, FOR EXAMPLE: 3 = 0.75", 7 = 1.75", ETC. (OMIT FOR STANDARD 1.5 INCH LENGTH) (STRAIGHT ONLY)											
STRAIN RELIEF OPTION	R (SEE OPTIONS PAGE 8. OMIT FOR NONE)											
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)											

Disclaimer

All information in this catalog is believed to be reliable. Readers should independently evaluate each product to confirm suitability with their specific application. Topflite components makes no warranties as to the accuracy or completeness of the information and disclaim any liability regarding its use. Specifications are subject to change without notice. Topflite components processes or materials that do not affect compliance with any applicable specification are subject to change without notice.



MICRO CONNECTOR BACKSHELLS

TopFlite makes micro adapter/backshell versions for almost every backshell series in the catalog by using either the “M” or “J” series designators. This section also provides additional backshell options that are specifically reserved for use only with TopFlite’s M&M Connector™ series as well as industry competitor micro connectors.

SERIES	DESCRIPTION	PAGE
TFM46	MICRO TERMINATION BAND ADAPTERS	130
TFMSR	MICRO DIRECT OR ROTATABLE COUPLING STRAIN RELIEF CLAMP	134
TFM10	MICRO CONNECTORS ENVIRONMENTAL EMI BACKSHELL	138

SERIES TFM46 MICRO TERMINATION BAND ADAPTERS



The TFM46 Series offers a termination band backshell for the TopFlite Micro Miniature M&M Connector™ Series. These backshells feature a thread-on design, with oring sealing and are offered in straight and angled configurations, in either direct or rotatable coupling styles. This configuration eliminates the need for cable clamps, allowing users to create a more streamline assembly while cutting down on weight and additional manual assembly processes. Material and back-end modifications can be accommodated with the use of a “Z-Code”; the customer need only contact their TopFlite sales representative for more information.

PART NUMBER BREAKDOWN									
EXAMPLE PART NUMBER	TFM46	1	F	2	08	02	-6	M	-ZXXX
STANDARD PREFIX									
ANGLE	1 - STRAIGHT 4 - 45 DEGREE 9 - 90 DEGREE								
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)								
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING								
SIZE CODE	01, 02, 03,, 12, 13								
CABLE ENTRY	02, 03, 04, ETC. (SEE TABLE)								
LENGTH	1/8 INCREMENTS, FOR EXAMPLE: 3 = 0.375", 7 = .875", ETC. (MINIMUM LENGTH .750") (STRAIGHT ONLY)								
BAND OPTION	(SEE PAGE 7 FOR TERMINATION BAND OPTIONS. OMIT FOR NONE)								
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)								

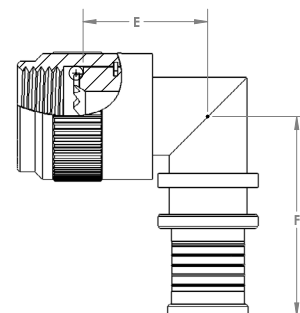
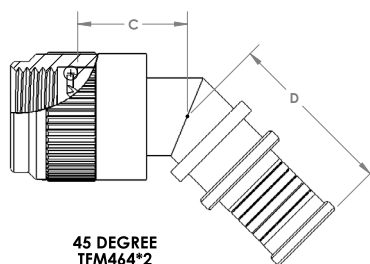
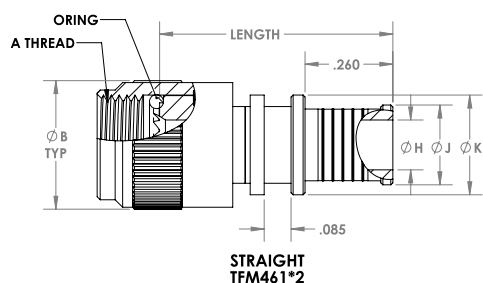
THREAD SIZE TABLE	
SHELL CODE	THREAD SIZE
01	.2500-32
02	.3125-32
03	.3750-32
04	.4375-28
05	.5000-28
06	.5625-24
07	.6250-24
08	.6875-24
09	.7500-20
10	.9375-20
11	1.1875-18

CABLE ENTRY TABLE	
CABLE ENTRY CODE	CABLE ENTRY DIA. (IN.)
01	.125
02	.188
03	.250
04	.312
05	.375
06	.438
07	.500
08	.562
09	.625
10	.688
11	.750
12	.812
13	.875

ADAPTER LENGTH TABLE	
LENGTH CODE	LENGTH (INCHES)
01	.750
02	.875
03	1.000
04	1.125
05	1.250
06	1.375
07	1.500
08	1.625
09	1.750
10	1.875
11	2.000
12	2.125
13	2.250
14	2.375
15	2.500

Specify Length in increments of .125 inches (3.18 mm.)

BAND ADAPTER VIEWS



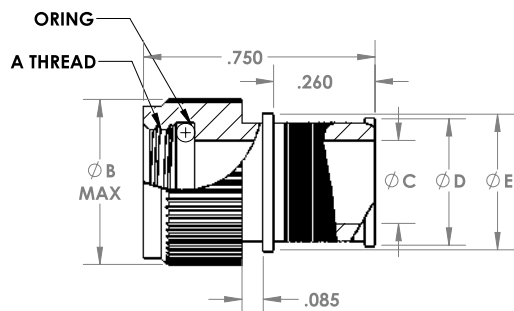
DIMENSIONS

SHELL SIZE	A THREADS	B MAX.		C MAX.		D MAX.		E MAX.		F MAX.	
		IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.
01	.2500-32	.470	11.94	.530	13.46	.660	16.76	.630	16.00	.780	19.81
02	.3125-32	.530	13.46	.550	13.97	.670	17.02	.660	16.76	.790	20.27
03	.3750-32	.570	14.48	.560	14.22	.680	17.27	.680	17.27	.810	20.57
04	.4375-28	.637	16.18	.570	14.48	.690	17.53	.700	17.78	.830	21.08
05	.5000-28	.700	17.78	.580	14.73	.700	17.78	.740	18.80	.860	21.84
06	.5625-24	.758	19.25	.590	14.99	.710	18.03	.770	19.56	.890	22.61
07	.6250-24	.819	20.80	.610	15.49	.730	18.54	.800	20.32	.920	23.37
08	.6875-24	.896	22.76	.640	16.26	.750	19.05	.840	21.34	.970	24.64
09	.7500-20	.930	23.62	.660	16.76	.770	19.56	.880	22.35	1.020	25.91
10	.9375-20	1.137	28.88	.690	17.53	.800	20.32	.950	24.13	1.090	27.69
11	1.1875-18	1.387	35.23	.720	18.29	.830	21.08	1.010	25.65	1.160	29.46

CABLE ENTRY

CABLE ENTRY CODE	Ø H		Ø J		Ø K	
	IN. ± .015	MM. ± 0.38	IN. ± .015	MM. ± 0.38	IN. ± .015	MM. ± 0.38
01	.125	3.18	.164	4.17	.266	6.76
02	.188	4.78	.227	5.77	.329	8.36
03	.250	6.35	.289	7.34	.391	9.93
04	.312	7.92	.351	8.92	.453	11.51
05	.375	9.53	.414	10.52	.516	13.11
06	.438	11.13	.477	12.12	.579	14.71
07	.500	12.70	.539	13.69	.641	16.28
08	.562	14.27	.601	15.27	.703	17.86
09	.625	15.88	.664	16.87	.766	19.46
10	.688	17.48	.727	18.47	.829	21.06
11	.750	19.05	.789	20.04	.891	22.63
12	.812	20.62	.851	21.62	.953	24.21
13	.875	22.23	.914	23.22	1.016	25.81

BAND ADAPTER VIEWS



**STRAIGHT
DIRECT COUPLING
TFM461*1**

DIRECT COUPLING DIMENSIONS

SHELL SIZE	A THREADS	B MAX.	
		IN.	MM.
01	.2500-32 UNEF-2B	.350	8.89
02	.3125-32 UNEF-2B	.415	10.54
03	.375-32 UN-2B	.465	11.81
04	.4375-28 UNEF-2B	.530	13.46
05	.5000-28 UNEF-2B	.595	15.11
06	.5625-24 UNEF-2B	.650	16.51
07	.6250-24 UNEF-2B	.715	18.16
08	.6875-24 UNEF-2B	.785	19.94
09	.750-20 UNEF-2B	.830	21.08
10	.9375-20 UNEF-2B	1.020	25.91
11	1.1875-18 UNEF-2B	1.280	32.51

DIRECT COUPLING THREAD TABLE

SHELL SIZE	A THREADS
01	.2500-32 UNEF-2B
02	.3125-32 UNEF-2B
03	.375-32 UNEF-2B
04	.4375-28 UNEF-2B
05	.5000-28 UNEF-2B
06	.5625-24 UNEF-2B
07	.6250-24 UNEF-2B
08	.6875-24 UNEF-2B
09	.750-20 UNEF-2B
10	.9375-20 UNEF-2B
11	1.1875-18 UNEF-2B

DIRECT COUPLING CABLE ENTRY

CABLE ENTRY CODE	Ø H		Ø J		Ø K	
	IN. ± .015	MM. ± 0.38	IN. ± .015	MM. ± 0.38	IN. ± .015	MM. ± 0.38
01	.094	2.39	.133	3.38	.235	5.97
02	.125	3.18	.164	4.17	.266	6.76
03	.172	4.37	.211	5.36	.313	7.95
04	.234	5.94	.273	6.93	.375	9.53
05	.272	6.91	.311	7.90	.413	10.49
06	.312	7.92	.351	8.92	.453	11.51
07	.375	9.53	.414	10.52	.516	13.11
08	.438	11.13	.477	12.12	.579	14.71
09	.500	12.70	.539	13.69	.641	16.28
10	.562	14.27	.601	15.27	.703	17.88
11	.625	15.88	.664	16.87	.766	19.46
12	.688	17.48	.727	18.47	.829	21.06
13	.750	19.05	.789	20.04	.891	22.63
14	.812	20.62	.851	21.62	.953	24.21

SERIES TFMSR MICRO STRAIN RELIEFS

DIRECT OR ROTATABLE COUPLING STRAIN RELIEF CLAMP

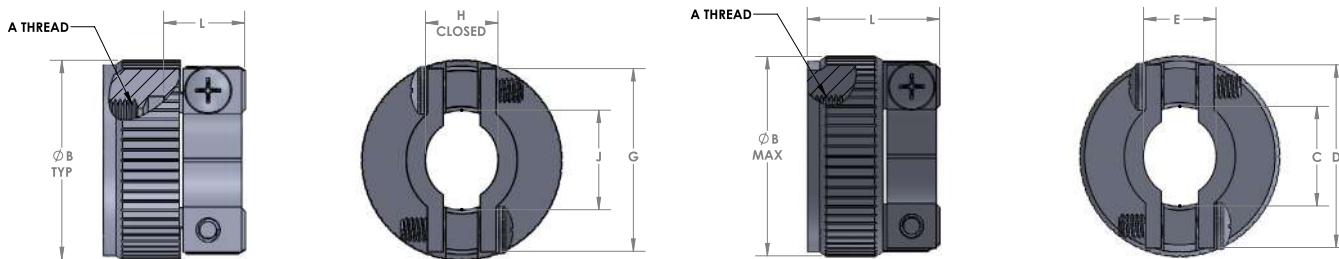


TopFlite offers a compact series of strain relief clamps for its Micro Miniature M&M Connector™ Series. These clamps can be utilized with cables or open wire bundles, and come in a variety of styles, such as direct or rotatable coupling and straight, 45, or 90 degree configurations.

PART NUMBER BREAKDOWN						
EXAMPLE PART NUMBER		TFMSR	11	F	05	-ZXXX
STANDARD PREFIX						
CLAMP STYLE	11 - Direct Coupling Style 12 - Rotatable Coupling Style					
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PTFE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)					
SIZE CODE	01, 02, 03.....12, 13 (SEE TABLE I)					
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)					

TABLE I		
SHELL SIZE	A THREAD SIZE CLASS-2B	Cable Entry Diameter (E Closed Dia)
01	.2500-32 UNEF	.11
02	.3125-32 UNEF	.17
03	.3750-32 UNEF	.17
04	.4375-28 UNEF	.23
05	.5000-28 UNEF	.30
06	.5625-24 UNEF	.30
07	.6250-24 UNEF	.36
08	.6875-24 UNEF	.42
09	.7500-20 UNEF	.42
10	.9375-20 UNEF	.48
11	.9375-20 UNEF	.61
12	1.0625-18 UNEF	.73
13	1.1875-18 UNEF	.86

- Notes**
1. Coupling Nut, Clamp, and Saddles: Aluminum Alloy 6061-T6 or 300 Series SST
 2. Hardware: 300 Series Stainless Steel
 3. For angled clamp dimensions consult factory



STRAIGHT ROTATABLE COUPLING
TFMSR12

STRAIGHT DIRECT COUPLING
TFMSR11

TFMSR12 DIMENSIONS

SIZE CODE	A THREADS	B TYP		G DIM		H CLOSED		J DIM		L MAX.	
		IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.
01	.2500-32 UNEF	.470	11.94	.496	12.60	.11	2.79	.119	3.02	.688	17.48
02	.3125-32 UNEF	.530	13.46	.582	14.78	.17	4.32	.182	4.62	.688	17.48
03	.375-32 UNEF	.570	14.48	.582	14.78	.17	4.32	.182	4.62	.688	17.48
04	.4375-28 UNEF	.637	16.18	.656	16.66	.23	5.08	.244	6.20	.688	17.48
05	.5000-28 UNEF	.700	17.78	.726	18.44	.30	7.62	.307	7.80	.688	17.48
06	.5625-24 UNEF	.758	19.25	.726	18.44	.30	7.62	.307	7.80	.750	19.05
07	.6250-24 UNEF	.819	20.80	.885	22.48	.36	9.14	.369	9.37	.750	19.05
08	.6875-24 UNEF	.896	22.76	.952	24.18	.42	10.67	.432	10.97	.750	19.05
09	.750-20 UNEF	.930	23.62	.952	24.18	.42	10.67	.432	10.97	.750	19.05
10	.9375-20 UNEF	1.137	28.88	1.018	25.86	.48	12.19	.494	12.55	.750	19.05
11	.9375-20 UNEF	1.137	28.88	1.148	29.16	.61	15.49	.619	15.72	.750	19.05
12	1.0625-18 UNEF	1.230	31.24	1.273	32.33	.73	18.54	.744	18.90	.750	19.05
13	1.1875-18 UNEF	1.387		1.400	35.56	.86	21.84	.869	22.07	.750	19.05

TFMSR11 DIMENSIONS

SIZE CODE	A THREADS	B MAX.		C DIA.		D DIA.		E DIA. CLOSED		L MAX	
		IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.
01	.2500-32 UNEF	.350	8.89	.119	3.02	.496	12.60	.11	2.79	.625	15.88
02	.3125-32 UNEF	.415	10.54	.182	4.62	.582	14.78	.17	4.32	.625	15.88
03	.375-32 UNEF	.465	11.81	.182	4.62	.582	14.78	.17	4.32	.625	15.88
04	.4375-28 UNEF	.530	13.46	.244	6.20	.656	16.66	.23	5.08	.688	17.48
05	.5000-28 UNEF	.595	15.11	.307	7.80	.726	18.44	.30	7.62	.688	17.48
06	.5625-24 UNEF	.650	16.51	.307	7.80	.726	18.44	.30	7.62	.750	19.05
07	.6250-24 UNEF	.715	18.16	.369	9.37	.885	22.48	.36	9.14	.875	22.23
08	.6875-24 UNEF	.785	19.94	.432	10.97	.952	24.18	.42	10.67	.875	22.23
09	.750-20 UNEF	.830	21.08	.432	10.97	.952	24.18	.42	10.67	.875	22.23
10	.9375-20 UNEF	1.020	25.91	.494	12.55	1.018	25.86	.48	12.19	1.000	25.40
11	.9375-20 UNEF	1.020	25.91	.619	15.72	1.148	29.16	.61	15.49	1.000	25.40
12	1.0625-18 UNEF	1.155	29.34	.744	18.90	1.273	32.33	.73	18.54	1.000	25.40
13	1.1875-18 UNEF	1.280	32.51	.869	22.07	1.400	35.56	.86	21.84	1.125	28.58

SERIES TFM10 MICRO CONNECTORS ENVIRONMENTAL EMI BACKSHELL



The 10 Series Micro Connector backshell is an excellent option for internal shield termination while ensuring a watertight seal is achieved at the backshell to cable jacket interface. This configuration eliminates the need for termination bands or the overmolding process, allowing users to assembly with standard shop floor tooling. Material and back-end modifications can be accommodated with the use of a “Z-Code”; the customer need only contact their TopFlite sales representative for more information.

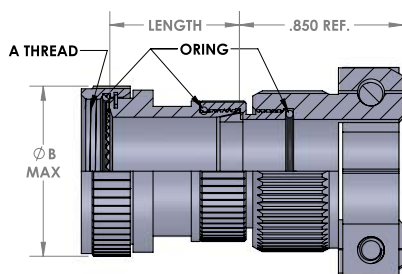
PART NUMBER BREAKDOWN									
EXAMPLE PART NUMBER	TFM10	1	F	2	08	02	-6	N	-ZXXX
STANDARD PREFIX									
ANGLE	1 - STRAIGHT 4 - 45 DEGREE, LOW-PROFILE 9 - 90 DEGREE, LOW-PROFILE								
MATERIAL/ FINISH	F - ALUMINUM W/ ELECTROLESS NICKEL Z - ALUMINUM W/ BLACK ZINC NICKEL A - ALUMINUM W/ BLACK ANODIZE D - ALUMINUM W/ OLIVE DRAB CADMIUM T - ALUMINUM W/ NICKEL TEFLON/PDTE K - STAINLESS W/ PASSIVATION TREATMENT (SEE PAGE 4 FOR MATERIAL AND FINISH SPECIFICATIONS & ADDITIONAL FINISHES)								
COUPLING TYPE	1 - DIRECT COUPLING 2 - SELF-LOCKING COUPLING								
SIZE CODE	01, 02, 03,, 12, 13								
CABLE ENTRY	02, 03, 04, ETC. (SEE TABLE)								
LENGTH	1/8 INCREMENTS, FOR EXAMPLE: 3 = 0.375", 7 = .875", ETC. (MINIMUM LENGTH .750") (STRAIGHT ONLY)								
BAND OPTION	N - COMPRESSION NUT (OMIT FOR CABLE CLAMP)								
Z-CODE	Z112 Z090 Z030 ETC. (CONTACT SALES STAFF IF A Z-CODE IS REQUIRED FOR A CUSTOM CONFIGURATION/OPTION(S). OMIT FOR NONE)								

THREAD SIZE TABLE	
SHELL CODE	THREAD SIZE
01	.2500-32
02	.3125-32
03	.3750-32
04	.4375-28
05	.5000-28
06	.5625-24
07	.6250-24
08	.6875-24
09	.7500-20
10	.9375-20
11	1.1875-18

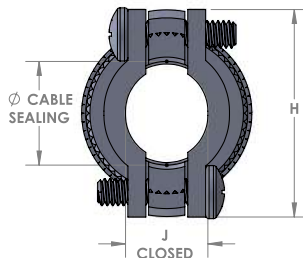
CABLE ENTRY TABLE		
CABLE ENTRY CODE	CABLE ENTRY DIA.	
	MAX.	MIN.
01	.109	.031
02	.172	.078
03	.234	.140
04	.297	.203
05	.359	.265
06	.422	.328
07	.484	.390
08	.547	.453
09	.609	.515
10	.672	.578
11	.734	.640

ADAPTER LENGTH TABLE	
LENGTH CODE	LENGTH (INCHES)
01	.625
02	.750
03	.875
04	1.000
05	1.125
06	1.250
07	1.375
08	1.500
09	1.625
10	1.750
11	1.875
12	2.000
13	2.125
14	2.250
15	2.375
16	2.500

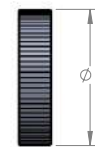
Specify length in increments of .125 inches (3.18 mm.)



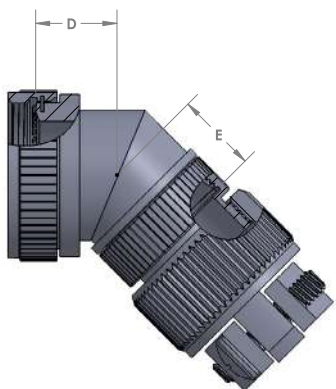
STRAIGHT ENTRY
SELF-LOCKING
TFM101*2



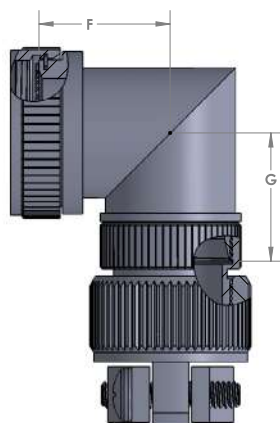
STRAIN RELIEF



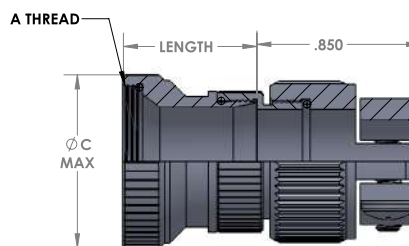
COMPRESSION
NUT N



45° ENTRY
LOW PROFILE
TFM104*2



90° ENTRY
LOW PROFILE
TFM109*2



STRAIGHT ENTRY
DIRECT COUPLING
TFM101*1

DIMENSIONS

SIZE CODE	A THREADS	B TYP		G DIM		H CLOSED	
		IN.	MM.	IN.	MM.	IN.	MM.
01	.2500-32	.470	11.94	.350	8.89	.750	19.05
02	.3125-32	.530	13.46	.415	10.54	.750	19.05
03	.3750-32	.570	14.48	.570	14.48	.750	19.05
04	.4375-28	.637	16.18	.530	13.46	.750	19.05
05	.5000-28	.700	17.78	.595	15.11	.750	19.05
06	.5625-24	.758	19.25	.650	16.51	.750	19.05
07	.6250-24	.819	20.80	.715	18.16	.750	19.05
08	.6875-24	.896	22.76	.785	19.94	.880	22.35
09	.7500-20	.930	23.62	.930	23.62	.880	22.35
10	.9375-20	1.137	28.88	1.137	28.88	1.000	25.40
11	1.1875-18	1.387	35.23	1.387	35.23	1.130	28.70

*Choose standard length for best availability

DIMENSIONS																
CABLE ENTRY CODE	CABLE SEALING DIA.		D MAX.		E MAX.		F MAX.		G MAX.		H		Ø J closed		Ø K	
	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN. ± .010	MM. ± 0.25	IN. ± .030	MM. ± 0.76	IN. ± .010	MM. ± 0.25
01	.109	.031	.603	15.32	.681	17.30	.724	18.39	.802	20.37	.496	12.60	.110	2.79	.398	10.11
02	.172	.078	.603	15.32	.681	17.30	.724	18.39	.802	20.37	.582	14.78	.170	4.32	.460	11.68
03	.234	.140	.603	15.32	.681	17.30	.724	18.39	.802	20.37	.656	16.66	.230	5.84	.523	13.28
04	.297	.203	.629	15.98	.707	17.96	.786	19.96	.864	21.95	.726	18.44	.300	7.62	.585	14.86
05	.359	.265	.629	15.98	.707	17.96	.786	19.96	.864	21.95	.885	22.48	.360	9.14	.647	16.43
06	.422	.328	.655	16.64	.733	18.62	.848	21.54	.926	23.52	.952	24.18	.420	10.67	.710	18.03
07	.484	.390	.655	16.64	.733	18.62	.848	21.54	.926	23.52	1.018	25.86	.480	12.19	.773	19.63
08	.547	.453	.707	17.96	.785	19.94	.911	23.14	.989	25.12	1.084	27.53	.550	13.97	.835	21.21
09	.609	.515	.707	17.96	.785	19.94	.911	23.14	.989	25.12	1.148	29.16	.610	15.49	.897	22.78