

390-054

Submersible EMI/RFI Cable Sealing Backshell

with Strain Relief

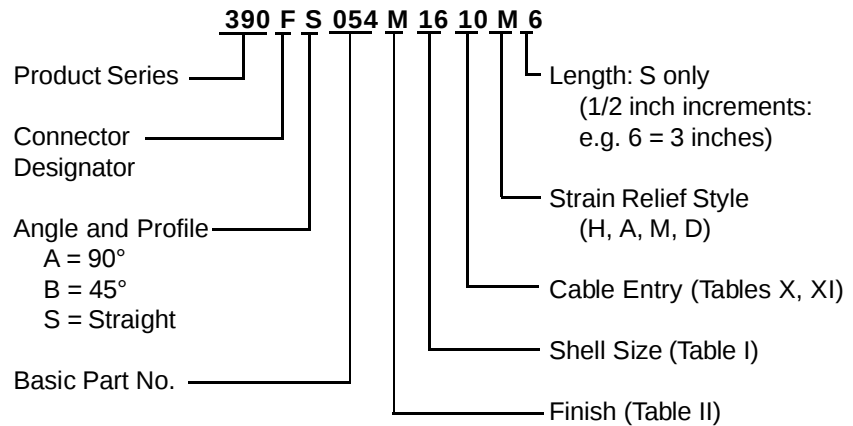
Type F - Direct Coupling - Low Profile

CONNECTOR DESIGNATORS

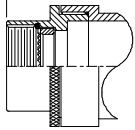
A-B*-C-D-E-F
G-H-J-K-L-S

* Conn. Design. B See Note 4

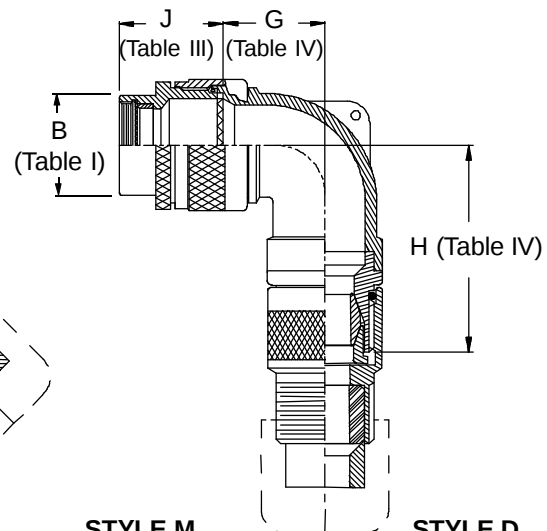
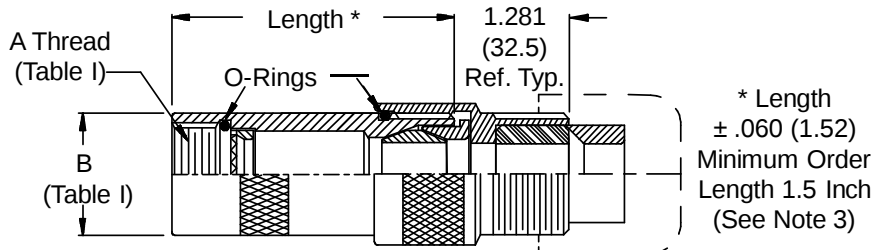
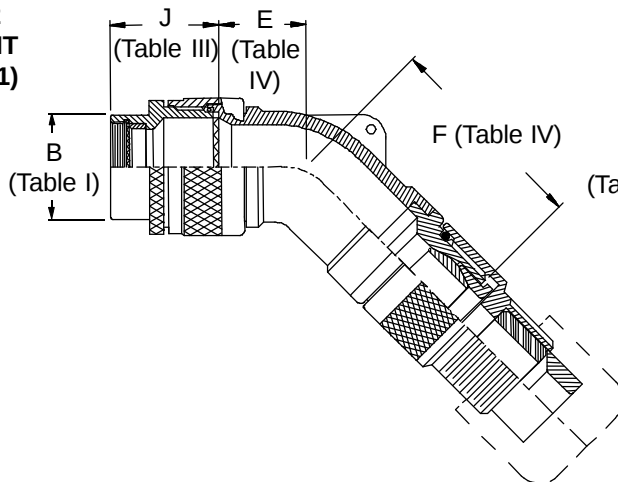
DIRECT COUPLING
TYPE F INDIVIDUAL
AND/OR OVERALL
SHIELD TERMINATION



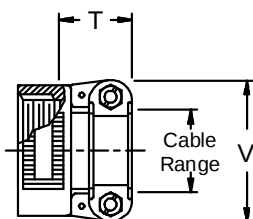
Length $\pm .060$ (1.52)
Min. Order Length 2.0 Inch
(See Note 3)



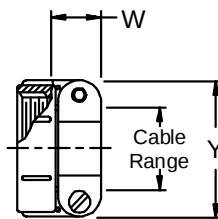
STYLE 2
(STRAIGHT
See Note 1)



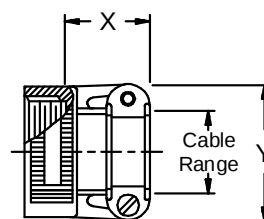
STYLE H
Heavy Duty
(Table X)



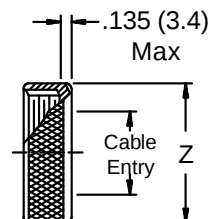
STYLE A
Medium Duty
(Table XI)



STYLE M
Medium Duty
(Table XI)



STYLE D
Medium Duty
(Table XI)



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See inside back cover fold-out or pages 13 and 14 for Tables I and II.

TABLE III: FRONT ADAPTER			
Shell Size	J Max - Conn. Designator		
	A-E-F J-H-L-S	D-B-G-K	C
08/09	1.180 (30.0)	1.250 (31.8)	
10/11	1.180 (30.0)	1.250 (31.8)	
12/13	1.180 (30.0)	1.250 (31.8)	1.735 (44.1)
14/15	1.180 (30.0)	1.250 (31.8)	1.915 (48.6)
16/17	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
18/19	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
20/21	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
22/23	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
24/25	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
28/29	1.610 (40.9)	1.560 (39.6)	1.915 (48.6)
32/33	1.610 (40.9)	1.750 (44.5)	1.915 (48.6)
36	1.610 (40.9)	1.750 (44.5)	1.915 (48.6)
40	1.610 (40.9)	2.190 (55.6)	1.915 (48.6)

TABLE IV: ELBOW DIMENSIONS						
Elbow Size	E Max	F Max	G Max	H Max		
03	.630 (16.0)	2.117 (53.8)	.636 (16.2)	2.067 (52.5)		
04	.630 (16.0)	2.117 (53.8)	.636 (16.2)	2.067 (52.5)		
06	.630 (16.0)	2.117 (53.8)	.710 (18.0)	2.187 (55.5)		
08	.692 (17.6)	2.179 (55.3)	.731 (18.6)	2.207 (39.1)		
10	.755 (19.2)	2.862 (72.7)	.825 (21.0)	2.867 (39.6)		
12	.848 (21.5)	2.972 (75.5)	.988 (25.1)	2.957 (41.4)		
16	1.036 (26.3)	3.159 (80.2)	1.087 (27.6)	3.132 (48.0)		
20	1.130 (28.7)	3.368 (85.5)	1.325 (33.7)	3.303 (50.8)		
24	1.255 (31.9)	3.408 (86.6)	1.337 (34.0)	3.453 (50.8)		
28	1.317 (33.5)	3.553 (90.2)	1.827 (46.4)	3.703 (55.1)		
32	1.348 (34.2)	3.646 (92.6)	2.027 (51.5)	3.753 (61.5)		

TABLE X: CABLE ENTRY						
Dash No.	T Max	V Max	Cable Range			
			Min		Max	
04	.780 (19.8)	.957 (24.3)	.125 (3.2)	.312 (7.9)		
06	.780 (19.8)	1.145 (29.1)	.250 (6.4)	.437 (11.1)		
08	.780 (19.8)	1.332 (33.8)	.387 (9.3)	.562 (14.3)		
10	.780 (19.8)	1.332 (33.8)	.350 (8.9)	.625 (15.9)		
12	.811 (20.6)	1.551 (39.4)	.500 (12.7)	.750 (19.1)		
16	.905 (23.0)	1.770 (45.0)	.625 (15.9)	.937 (23.8)		
20	1.092 (27.7)	2.113 (53.7)	.875 (22.2)	1.250 (31.8)		
24	1.124 (28.5)	2.363 (60.0)	1.000 (25.4)	1.375 (34.9)		
28	1.399 (35.5)	2.770 (70.4)	1.250 (31.8)	1.625 (41.3)		
32	1.399 (35.5)	3.020 (76.7)	1.437 (36.5)	1.875 (47.6)		

1. Metric dimensions (mm) are indicated in parentheses.
2. Cable range is defined as the accommodations range for the wire bundle or cable.
Dimensions shown are not intended for inspection criteria.
3. Consult factory for shorter lengths on straight backshells.
4. When using Connector Designator B refer to pages 18 and 19 for part number development.

TABLE XI: CABLE ENTRY							
Dash No.	W Max	X Max	Y Max	Z Max	Cable Range		
					Min **		Max
03*	.437 (11.1)	.760 (19.3)	.843 (21.4)	.630 (16.0)	.156 (4.0)	.250 (6.4)	
04*	.437 (11.1)	.760 (19.3)	.906 (23.0)	.755 (19.2)	.188 (4.8)	.312 (7.9)	
06*	.500 (12.7)	.760 (19.3)	1.093 (27.8)	.942 (23.9)	.281 (7.1)	.438 (11.1)	
08	.563 (14.3)	.760 (19.3)	1.187 (30.1)	1.067 (27.1)	.387 (9.3)	.562 (14.3)	
10	.563 (14.3)	.760 (19.3)	1.281 (32.5)	1.192 (30.3)	.375 (9.5)	.625 (15.9)	
12	.563 (14.3)	.760 (19.3)	1.500 (38.1)	1.380 (35.1)	.438 (11.1)	.750 (19.1)	
16	.656 (16.7)	1.073 (27.3)	1.719 (43.7)	1.535 (39.0)	.625 (15.9)	.938 (23.8)	
20	.656 (16.7)	1.323 (33.6)	2.062 (52.4)	1.848 (46.9)	.875 (22.2)	1.250 (31.8)	
24	.656 (16.7)	1.323 (33.6)	2.312 (58.7)	2.255 (57.3)	1.000 (25.4)	1.375 (34.9)	
28	1.188 (30.2)	1.572 (39.9)	2.719 (69.1)	2.505 (63.6)	1.250 (31.8)	1.625 (41.3)	
32*	1.187 (30.1)	1.572 (39.9)	2.969 (75.4)	2.755 (70.0)	1.437 (36.5)	1.875 (47.6)	
40*	1.125 (28.6)	1.572 (39.9)	3.531 (89.7)	3.255 (82.7)	1.875 (47.6)	2.375 (60.3)	

* Not available in Style M clamp.

** Not Applicable Style D