

390-001

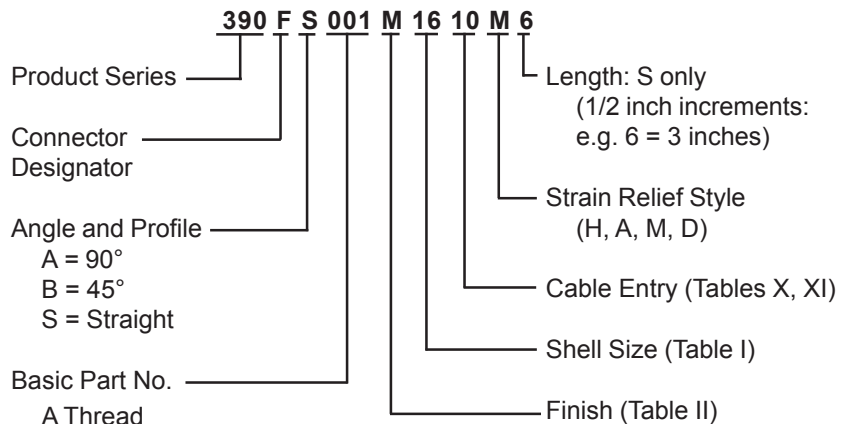
Submersible EMI/RFI Cable Sealing Backshell

with Strain Relief

Type A - Rotatable Coupling - Low Profile

CONNECTOR DESIGNATORS **A-F-H-L-S** ROTATABLE COUPLING

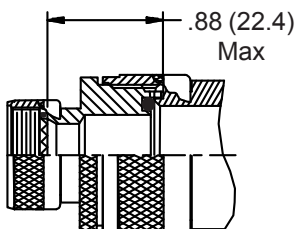
TYPE A OVERALL SHIELD TERMINATION



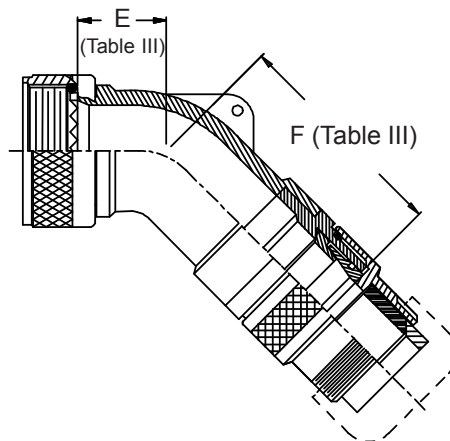
Length ± .060 (1.52)
Minimum Order Length 2.0 Inch
(See Note 4)



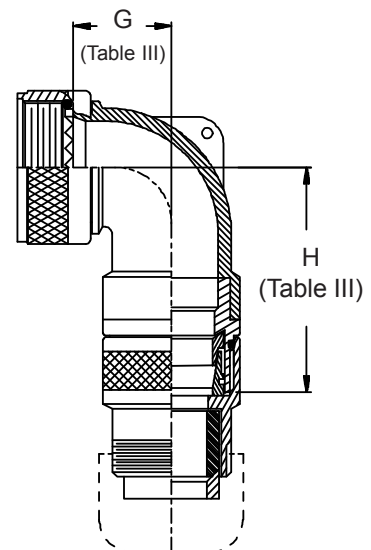
STYLE 2
(STRAIGHT
See Note 1)



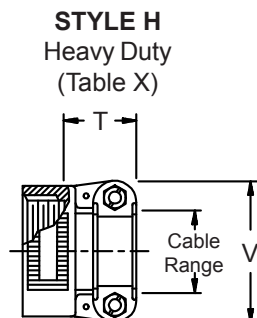
STYLE 2
(45° & 90°
See Note 1)



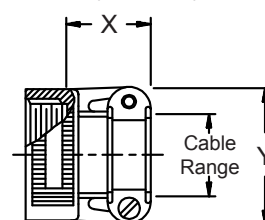
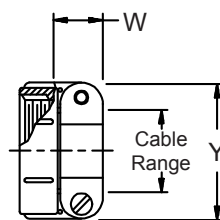
STYLE A
Medium Duty
(Table XI)



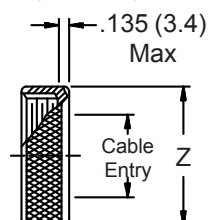
STYLE D
Medium Duty
(Table XI)



STYLE H
Heavy Duty
(Table X)



STYLE M
Medium Duty
(Table XI)



390-001
Submersible EMI/RFI Cable Sealing Backshell
 with Strain Relief
 Type A - Rotatable Coupling - Low Profile



TABLE III: ELBOW DIMENSIONS

Shell Size Conn. Desig. A-F-L-S H		E Max	F Max	G Max	H Max
08	09	.457 (11.6)	1.760 (44.7)	.500 (12.7)	1.880 (47.8)
10	11	.520 (13.2)	1.920 (48.8)	.595 (15.1)	1.990 (50.5)
12	13	.582 (14.8)	1.990 (50.5)	.610 (15.5)	2.020 (51.3)
14	15	.645 (16.4)	2.144 (54.5)	.700 (17.8)	2.154 (54.7)
16	17	.738 (18.7)	2.254 (57.3)	.885 (22.5)	2.244 (57.0)
18	19	.926 (23.5)	2.444 (62.1)	.975 (24.8)	2.414 (61.3)
20	21	.926 (23.5)	2.444 (62.1)	.975 (24.8)	2.414 (61.3)
22	23	1.020 (25.9)	2.657 (67.5)	1.125 (28.6)	2.587 (65.7)
24	25	1.020 (25.9)	2.657 (67.5)	1.125 (28.6)	2.587 (65.7)
28		1.145 (29.1)	2.690 (68.3)	1.225 (31.1)	2.740 (69.6)
32		1.207 (30.7)	2.790 (70.9)	1.575 (40.0)	2.990 (75.9)
36		1.238 (31.4)	2.930 (74.4)	1.775 (45.1)	3.040 (77.2)

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions E, F, G and H will not apply. Please consult factory.
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
4. Consult factory for shorter lengths on straight backshells.
5. Interface O-Ring not supplied with connector designator A.

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 (9.8)	.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)

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

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 (9.8)	.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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Glenair:

[390PS055MT2412H6](#) [390FS001NF0806H4](#) [390AS001NF1004A4](#) [390AS001NF1806H3](#) [390AA001NF1008H](#)
[390AS001M1408M4](#) [390HS001NF1510H4](#) [390FA001NF1206A](#) [390HS001NF1108H4](#) [390AB001NF1408H](#)
[390AB001NF2404A](#) [390AS001M1612A3](#) [390FS001N2406H4](#) [390FS001NF0804H4](#) [390FA001N1206H](#)
[390HS001B1504D3C](#) [390CS012B2002L4](#) [390HS004NF1110C6](#) [390CA002NF2210A](#) [390AS002NF1004A3](#)
[390AS002NF1406A3](#) [390HS055M1716A4](#) [390HS055M2116A3](#) [390HK011MT1304L](#) [390HS001M1506D4](#)
[390HS001ZR0906H3](#) [390HS001ZR0906H4](#) [390HS001ZR1106H4](#) [390HS001B1506A6](#) [390AS001M2812A4](#)
[390HJ001Z10904H](#) [390HA001B1506A](#) [390HJ001Z10906H](#) [390AA001NF1816M](#) [390AS001B1612A4](#)
[390AS001M1406A3](#) [390AS001NF0808M6](#) [390HS001M1108A6](#) [390HS001MT1516M6](#) [390AS001N1212H6-98J](#)
[390AS001NF1610H3](#) [390AS001NF2006A3](#) [390FA001N1212H-98J](#) [390HA001NF1520H-98J](#) [390HB001M1306A](#)
[390HS001NF1510M3](#) [390HS001NF1512H6](#) [390HS001N2110H3C-14](#)