

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

**TYPE A OVERALL  
 SHIELD TERMINATION**



**STYLE 2  
 (STRAIGHT  
 See Note 1)**



**STYLE 2  
 (45° & 90°  
 See Note 1)**



**STYLE C  
 Medium Duty  
 (Table X)**



**STYLE E  
 Medium Duty  
 (Table XI)**



**390-003**  
**Water-Tight EMI/RFI Cable Sealing Backshell**  
 with Strain Relief  
 Type A - Rotatable Coupling - Low Profile



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

TABLE III: ELBOW DIMENSIONS									
Shell Size		E		F		G		H	
Conn. Desig.		Max		Max		Max		Max	
A-F-L-S	H								
08	09	.457	(11.6)	1.602	(40.7)	.500	(12.7)	1.612	(40.9)
10	11	.520	(13.2)	1.662	(42.2)	.595	(15.1)	1.732	(44.0)
12	13	.582	(14.8)	1.722	(43.7)	.610	(15.5)	1.752	(44.5)
14	15	.645	(16.4)	2.062	(52.4)	.700	(17.8)	2.072	(52.6)
16	17	.738	(18.7)	2.172	(55.2)	.885	(22.5)	2.162	(54.9)
18	19	.926	(23.5)	2.362	(60.0)	.975	(24.8)	2.332	(59.2)
20	21	.926	(23.5)	2.362	(60.0)	.975	(24.8)	2.332	(59.2)
22	23	1.020	(25.9)	2.512	(63.8)	1.125	(28.6)	2.442	(62.0)
24	25	1.020	(25.9)	2.512	(63.8)	1.125	(28.6)	2.442	(62.0)
28		1.145	(29.1)	2.562	(65.1)	1.225	(31.1)	2.612	(66.3)
32		1.207	(30.7)	2.662	(67.6)	1.575	(40.0)	2.862	(72.7)
36		1.238	(31.4)	2.752	(69.9)	1.775	(45.1)	2.862	(72.7)

TABLE X: CABLE ENTRY							
Dash No.	T Max	W Max	X Ref	Cable Range			
				Min		Max	
03	1.219 (31.0)	.812 (20.6)	.135 (3.4)	.156 (4.0)	.219 (5.6)		
04	1.219 (31.0)	.937 (23.8)	.203 (5.2)	.188 (4.8)	.312 (7.9)		
06	1.219 (31.0)	1.062 (27.0)	.285 (7.2)	.281 (7.1)	.438 (11.1)		
08	1.219 (31.0)	1.188 (30.2)	.350 (8.9)	.312 (7.9)	.531 (13.5)		
10	1.281 (32.5)	1.312 (33.3)	.390 (9.9)	.375 (9.5)	.625 (15.9)		
12	1.281 (32.5)	1.562 (39.7)	.460 (11.7)	.500 (12.7)	.750 (19.1)		
16	1.406 (35.7)	1.750 (44.5)	.510 (13.0)	.625 (15.9)	.938 (23.8)		
20	1.656 (42.1)	2.250 (57.2)	.695 (17.7)	.938 (23.8)	1.250 (31.8)		
24	1.906 (48.4)	2.375 (60.3)	.715 (18.2)	1.000 (25.4)	1.375 (34.9)		
28	1.906 (48.4)	2.625 (66.7)	.915 (23.2)	1.250 (31.8)	1.625 (41.3)		
32	2.000 (50.8)	2.812 (71.4)	1.070 (27.2)	1.500 (38.1)	1.875 (47.6)		

TABLE XI: CABLE ENTRY					
Dash No.	Y Max	Z Max	Cable Range		
			Min		Max
03	.739 (18.8)	.812 (20.6)	.156 (4.0)	.219 (5.6)	
04	.739 (18.8)	.937 (23.8)	.188 (4.8)	.312 (7.9)	
06	.739 (18.8)	1.062 (27.0)	.281 (7.1)	.438 (11.1)	
08	.739 (18.8)	1.188 (30.2)	.312 (7.9)	.531 (13.5)	
10	.791 (20.1)	1.312 (33.3)	.375 (9.5)	.625 (15.9)	
12	.880 (22.4)	1.562 (39.7)	.500 (12.7)	.750 (19.1)	
16	.901 (22.9)	1.750 (44.5)	.625 (15.9)	.938 (23.8)	
20	1.031 (26.2)	2.250 (57.2)	.938 (23.8)	1.250 (31.8)	
24	1.250 (31.8)	2.375 (60.3)	1.000 (25.4)	1.375 (34.9)	
28	1.250 (31.8)	2.625 (66.7)	1.250 (31.8)	1.625 (41.3)	
32	1.312 (33.3)	2.812 (71.4)	1.500 (38.1)	1.875 (47.6)	

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.
6. Saddles are bottomed on Clamp Ears.

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