

**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)**



**-445** Now Available with the "NESTOR"  
 Glenair's Non-Detent, Spring-Loaded, Self-Locking Coupling.  
 Add "-445" to Specify This AS85049 Style "N" Coupling Interface.

**STYLE H  
 Heavy Duty  
 (Table X)**



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



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



**STYLE D  
 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		E		F		G		H	
Conn. Desig.		Max		Max		Max		Max	
A	F-L-S H								
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.