

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

Product Series 390 F S 001 M 16 10 M 6

Connector Designator

Angle and Profile
A = 90°
B = 45°
S = Straight

Length: S only
(1/2 inch increments:
e.g. 6 = 3 inches)

Strain Relief Style
(H, A, M, D)

Cable Entry (Tables X, XI)

Shell Size (Table I)

Finish (Table II)

Basic Part No.

A Thread (Table I)

Length *
1.125 (28.6)
Approx.

O-Rings

C Typ. (Table I)

* Length
± .060 (1.52)
Minimum Order
Length 1.5 Inch
(See Note 4)

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



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

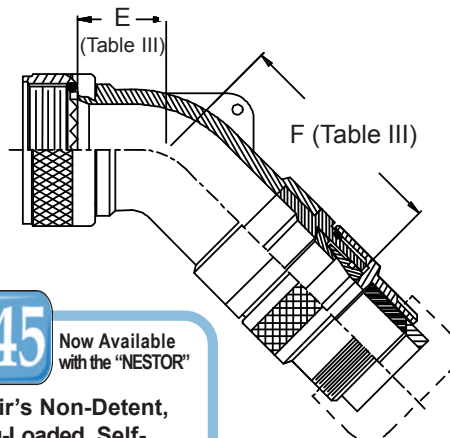


**STYLE 2
(45° & 90°)**
See Note 1)

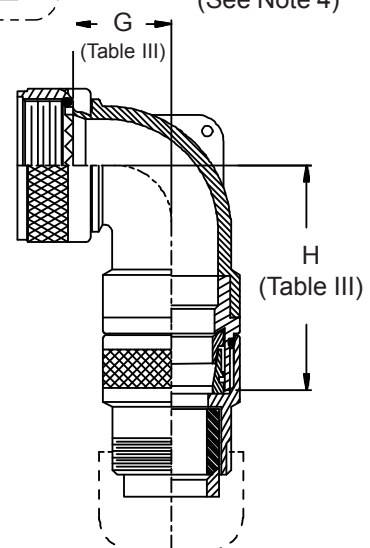
-445

Now Available
with the "NESTOR"

Glenair's Non-Detent,
Spring-Loaded, Self-
Locking Coupling.
Add "-445" to Specify
This AS85049 Style "N"
Coupling Interface.



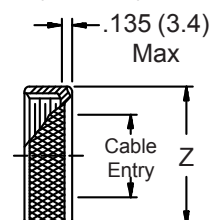
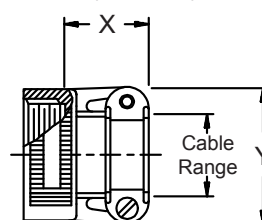
**STYLE A
Medium Duty**
(Table XI)



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



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



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

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with Strain Relief
Type A - Rotatable Coupling - Low Profile



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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.

** Not Applicable Style D