

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

Product Series — **311** F C 001 M 16 03 E T

Connector Designator —

Angle and Profile —
C = Ultra-Low Split 90°
D = Split 90°
F = Split 45°

Basic Part No. —

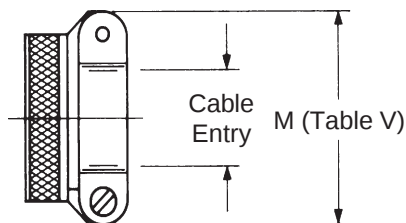
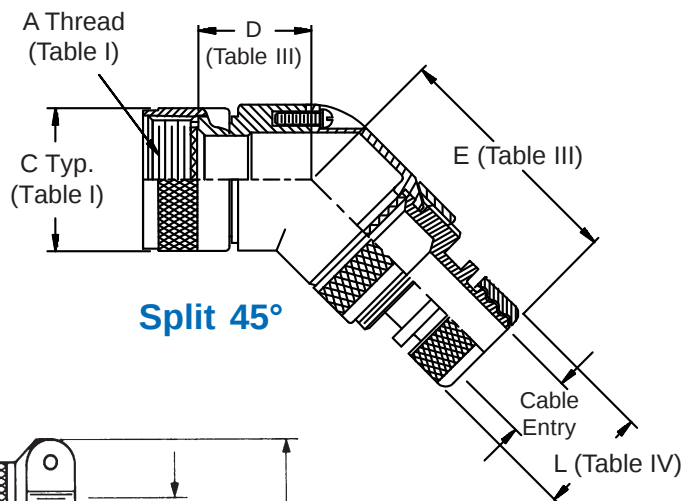
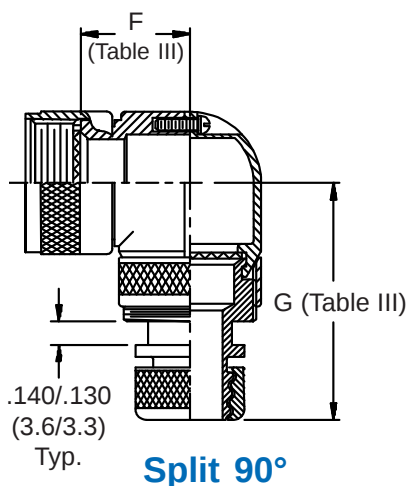
Shrink Boot (Table V - Omit for none)

E = Strain Relief (Omit for nut)

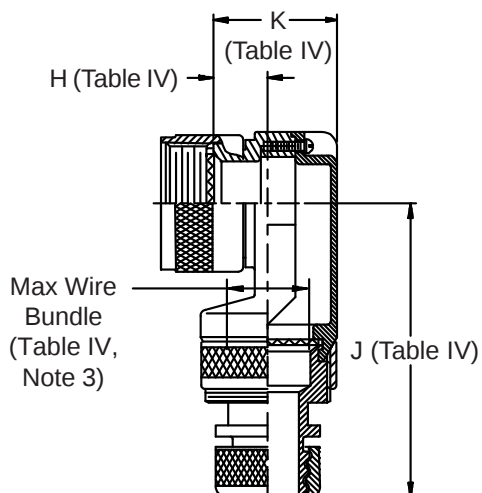
Cable Entry (Table V)

Shell Size (Table I)

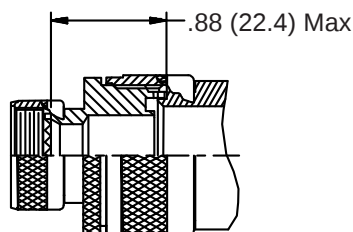
Finish (Table II)



**STYLE E
STRAIN RELIEF**



Ultra Low-Profile Split 90°



**STYLE 2
(See Note 3)**

TABLE II - STANDARD FINISHES

GLENAIR	
SYMBOL	FINISH
B	Cadmium Plate, Olive Drab
M	Electroless Nickel
NF	Cadmium Plate, Olive Drab Over Electroless Nickel
See Inside Back Cover for Complete Finish Information and Additional Finish Options	

311-001
Lamp-Base Thread EMI/RFI Shrink Boot Adapter
 with Strain Relief and Optional Shrink Boot
 Rotatable Coupling - Split Shell



311

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

TABLE III: SPLIT 90° and SPLIT 45°					
SHELL SIZE		D	E	F	G
A-F-L-S	H	Max	Max	Max	Max
08	09	.440 (11.2)	1.740 (44.2)	.680 (17.3)	1.680 (42.7)
10	11	.500 (12.7)	1.800 (45.7)	.750 (19.1)	1.740 (44.2)
12	13	.560 (14.2)	1.870 (47.5)	.810 (20.6)	1.810 (46.0)
14	15	.620 (15.7)	1.900 (48.3)	.870 (22.1)	1.840 (46.7)
16	17	.680 (17.3)	2.000 (50.8)	.930 (23.6)	1.940 (49.3)
18	19	.750 (19.1)	2.060 (52.3)	1.000 (25.4)	2.000 (50.8)
20	21	.820 (20.8)	2.120 (53.8)	1.060 (26.9)	2.060 (52.3)
22	23	.880 (22.4)	2.180 (55.4)	1.120 (28.4)	2.120 (53.8)
24	25	.940 (23.9)	2.240 (56.9)	1.180 (30.0)	2.340 (59.4)

TABLE IV: ULTRA LOW-PROFILE SPLIT 90°					
SHELL SIZE		H	J	K	Max Wire
A-F-L-S	H	Ref.	Max	Max	Bundle
08	09	.340 (8.6)	2.020 (51.3)	.681 (17.3)	.250 (6.4)
10	11	.270 (6.9)	2.180 (55.4)	.731 (18.6)	.375 (9.5)
12	13	.270 (6.9)	2.180 (55.4)	.731 (18.6)	.375 (9.5)
14	15	.280 (7.1)	2.250 (57.2)	.831 (21.1)	.500 (12.7)
16	17	.420 (10.7)	2.300 (58.4)	.981 (24.9)	.625 (15.9)
18	19	.640 (16.3)	2.330 (59.2)	1.181 (30.0)	.625 (15.9)
20	21	.640 (16.3)	2.330 (59.2)	1.181 (30.0)	.625 (15.9)
22	23	.540 (13.7)	2.480 (63.0)	1.181 (30.0)	.750 (19.1)
24	25	.540 (13.7)	2.480 (63.0)	1.181 (30.0)	.750 (19.1)

TABLE V: CABLE ENTRY AND SHRINK BOOT					
Dash No.	L Max	M Max	Cable Entry Max	Shrink Boot	
01	.448 (11.4)	.781 (19.8)	.125 (3.2)	n/a	
02	.515 (13.1)	.968 (24.6)	.250 (6.4)	770-001S103	
03	.640 (16.3)	1.046 (26.6)	.375 (9.5)	770-001S103	
04	.765 (19.4)	1.156 (29.4)	.500 (12.7)	770-001S104	
05	.920 (23.4)	1.219 (31.0)	.625 (15.9)	770-001S104	
06	1.015 (25.8)	1.343 (34.1)	.750 (19.1)	770-001S105	
07	1.140 (29.0)	1.469 (37.3)	.875 (22.2)	770-001S106	
08	1.265 (32.1)	1.594 (40.5)	1.000 (25.4)	770-001S106	
09	1.432 (36.4)	1.719 (43.7)	1.125 (28.6)	770-001S107	
10	1.515 (38.5)	1.844 (46.8)	1.250 (31.8)	770-001S107	

1. Cable Entry is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
2. Metric dimensions (mm) are indicated in parentheses.
3. When maximum entry (page 21) is exceeded, Style 2 will be supplied (not available for Function C). Dimensions D, E, F, & G will not apply. Please consult factory.
4. See Shrink Boot Reference Information (pages 40 and 41).
5. Angular function "C", low-profile split elbow, not available with "S" connector designator.

Mouser Electronics

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