

447-427 EMI/RFI Non-Environmental Band-in-a-Can Backshell with Cable Clamp Strain-Relief Self-Locking Rotatable Coupling - Split Shell

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

Product Series — **447 F D 427 NF 16 12 K P**

Connector Designator —

Angel and Profile —
C = Low Profile Split 90°
D = Split 90°
F = Split 45°

Basic Part No. —

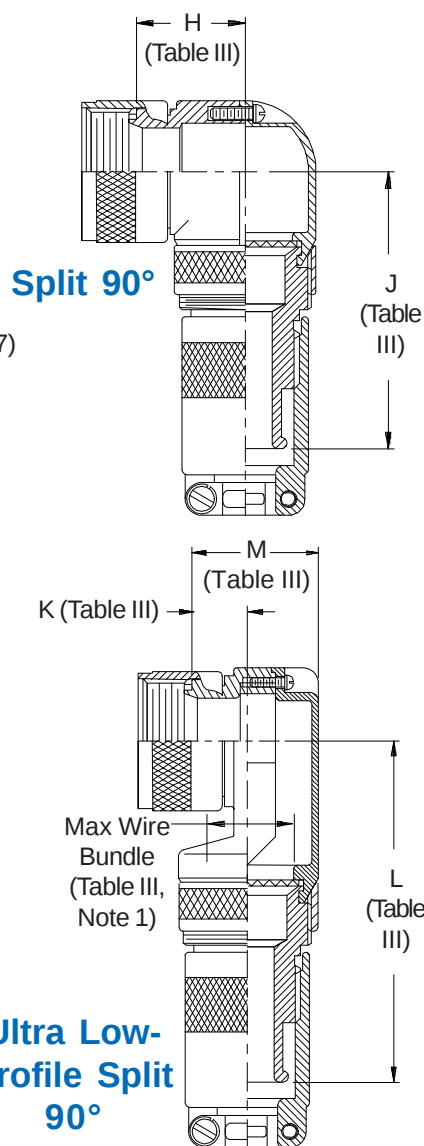
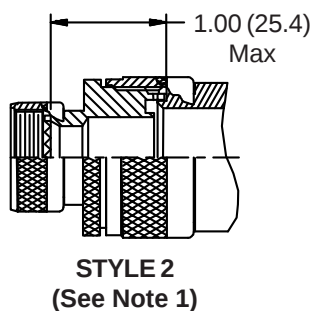
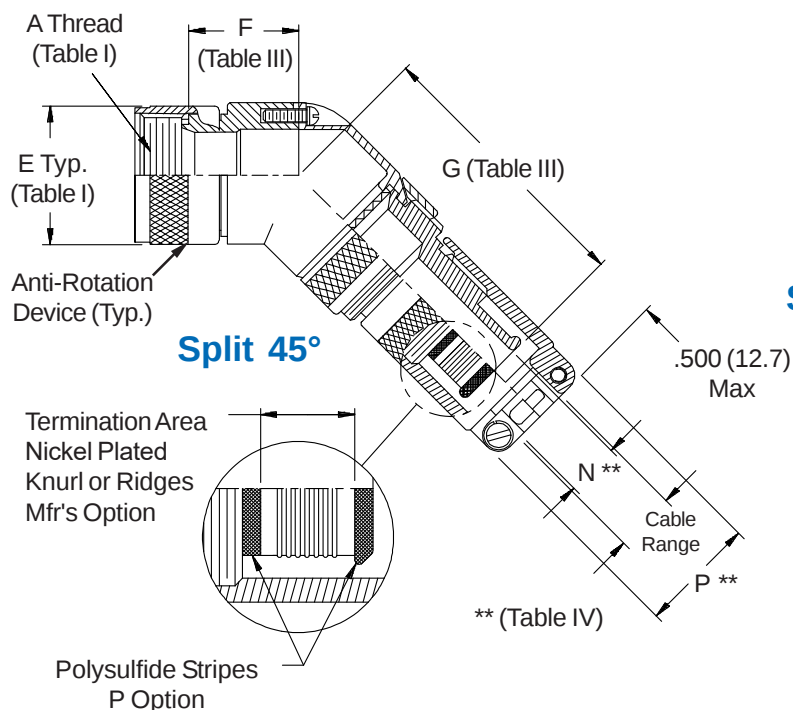
Polysulfide (Omit for none)

B = Band
K = Precoiled Band
(Omit for none)

Cable Range (Table IV)

Shell Size (Table I)

Finish (Table II)



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

TABLE III: ELBOW DIMENSIONS

Shell Size	F Max	G Max	H Max	J Max	K Ref	L Max	M Max	Function C Max Wire Bundle
08/09	.596 (15.1)	1.840 (46.7)	.836 (21.2)	1.780 (45.2)	.496 (12.6)	2.120 (53.8)	.837 (21.3)	.250 (6.4)
10/11	.656 (16.7)	1.900 (48.3)	.906 (23.0)	1.840 (46.7)	.426 (10.8)	2.280 (57.9)	.887 (22.5)	.375 (9.5)
12/13	.716 (18.2)	1.970 (50.0)	.966 (24.5)	1.910 (48.5)	.426 (10.8)	2.280 (57.9)	.887 (22.5)	.375 (9.5)
14/15	.776 (19.7)	2.000 (50.8)	1.026 (26.1)	1.940 (49.3)	.436 (11.1)	2.350 (59.7)	.987 (25.1)	.500 (12.7)
16/17	.836 (21.2)	2.100 (53.3)	1.086 (27.6)	2.040 (51.8)	.576 (14.6)	2.400 (61.0)	1.137 (28.9)	.625 (15.9)
18/19	.906 (23.0)	2.160 (54.9)	1.156 (29.4)	2.100 (53.3)	.796 (20.2)	2.430 (61.7)	1.337 (34.0)	.625 (15.9)
20/21	.976 (24.8)	2.220 (56.4)	1.216 (30.9)	2.160 (54.9)	.796 (20.2)	2.430 (61.7)	1.337 (34.0)	.625 (15.9)
22/23	1.036 (26.3)	2.280 (57.9)	1.276 (32.4)	2.220 (56.4)	.696 (17.7)	2.580 (65.5)	1.337 (34.0)	.750 (19.1)
24/25	1.096 (27.8)	2.340 (59.4)	1.336 (33.9)	2.280 (57.9)	.696 (17.7)	2.580 (65.5)	1.337 (34.0)	.750 (19.1)

TABLE IV: CABLE RANGE

Dash No.	N		P		Cable Range		
	±.030	±(.8)	Max		Min	Max	
10	.220	(5.6)	1.000	(25.4)	.130	(3.3)	.250 (6.4)
12	.310	(7.9)	1.250	(31.8)	.250	(6.4)	.380 (9.7)
14	.440	(11.2)	1.340	(34.0)	.310	(7.9)	.440 (11.2)
16	.560	(14.2)	1.470	(37.3)	.375	(9.5)	.630 (16.0)
18	.630	(16.0)	1.560	(39.6)	.560	(14.2)	.690 (17.5)
20	.750	(19.1)	1.620	(41.1)	.630	(16.0)	.750 (19.1)
22	.880	(22.4)	1.750	(44.5)	.750	(19.1)	.880 (22.4)
24	1.000	(25.4)	1.870	(47.5)	.880	(22.4)	1.000 (25.4)
28	1.060	(26.9)	1.970	(50.0)	1.000	(25.4)	1.130 (28.7)
32	1.190	(30.2)	2.090	(53.1)	1.130	(28.7)	1.250 (31.8)

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions F, G, H, and J will not apply. Please consult factory.
2. Metric dimensions (mm) are indicated in parentheses.
3. Backshells supplied with 600-052-* band, see Glenair Series 600 Tool Catalog for installation.
4. Angular function "C", low-profile split elbow, not available with "S" connector designator.