

EMI/RFI Non-Environmental Band-in-a-Can Backshell with QwikClamp Strain-Relief Self-Locking Rotatable Coupling - Standard Profile

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

Product Series — 447 F S 421 NF 16 12-8 K P

Connector Designator —

Angle and Profile —
H = 45°
J = 90°
S = Straight

Basic Part No. —

Finish (Table II) —

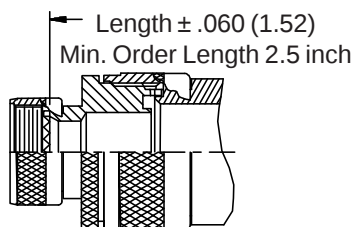
Polysulfide (Omit for none)

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

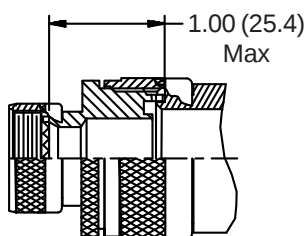
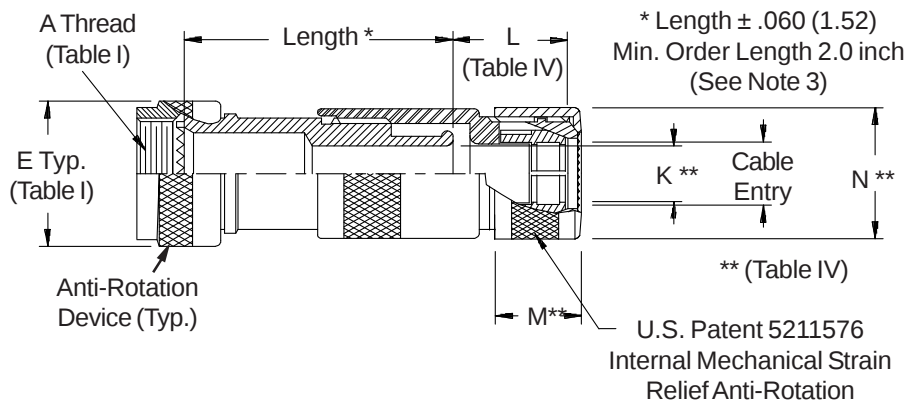
Length: S only
(1/2 inch increments,
e.g. 8 = 4.000 inches)

Cable Entry (Table IV)

Shell Size (Table I)



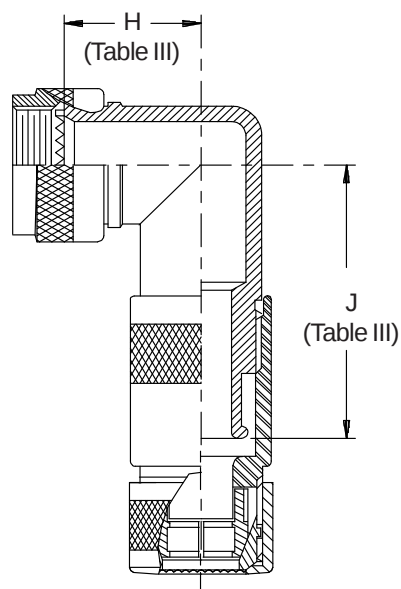
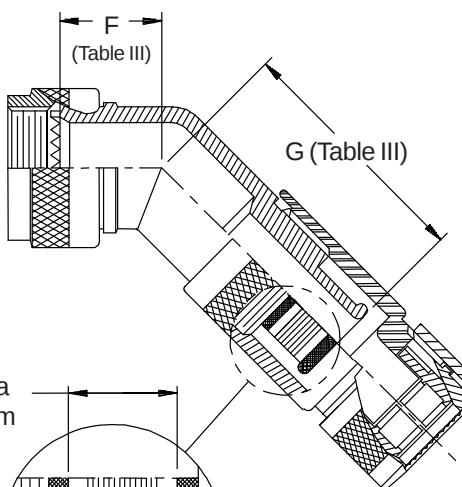
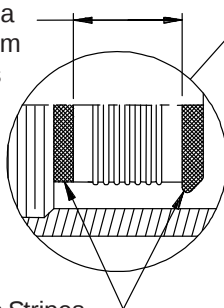
**STYLE 2
(STRAIGHT
See Note 1)**



**STYLE 2
(45° & 90°
See Note 1)**



Termination Area
Free of Cadmium
Knurl or Ridges
Mfr's Option



447-421
EMI/RFI Non-Environmental Band-in-a-Can Backshell
with QwikClamp Strain-Relief
Self-Locking Rotatable Coupling - Standard Profile



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

TABLE III: ELBOW DIMENSIONS

Shell Size Conn. Desig. A-F-L-S H		F Max	G Max	H Max	J Max
08	09	.795 (20.2)	1.380 (35.1)	.906 (23.0)	1.500 (38.1)
10	11	.820 (20.8)	1.410 (35.8)	.966 (24.5)	1.550 (39.4)
12	13	.844 (21.4)	1.430 (36.3)	1.026 (26.1)	1.610 (40.9)
14	15	.861 (21.9)	1.460 (37.1)	1.076 (27.3)	1.680 (42.7)
16	17	.888 (22.6)	1.480 (37.6)	1.136 (28.9)	1.740 (44.2)
18	19	.904 (23.0)	1.490 (37.8)	1.176 (29.9)	1.760 (44.7)
20	21	.929 (23.6)	1.510 (38.4)	1.236 (31.4)	1.820 (46.2)
22	23	.956 (24.3)	1.550 (39.4)	1.296 (32.9)	1.900 (48.3)
24	25	.979 (24.9)	1.580 (40.1)	1.356 (34.4)	1.970 (50.0)

TABLE IV: CABLE RANGE

Dash No.	Clamp Size (Ref)	K Dia	L Max	M Max	N Max	Cable Range	
						Min	Max
02	08	.125 (3.2)	.970 (24.6)	.530 (13.5)	.720 (18.3)	.100 (2.5)	.250 (6.4)
03	08	.188 (4.8)	.970 (24.6)	.530 (13.5)	.720 (18.3)	.098 (2.5)	.200 (5.1)
04	08	.250 (6.4)	.970 (24.6)	.530 (13.5)	.720 (18.3)	.098 (2.5)	.250 (6.4)
05	12	.312 (7.9)	1.110 (28.2)	.710 (18.0)	.910 (23.1)	.203 (5.2)	.375 (9.5)
06	12	.375 (9.5)	1.110 (28.2)	.710 (18.0)	.910 (23.1)	.203 (5.2)	.375 (9.5)
07	16	.438 (11.1)	1.210 (30.7)	.720 (18.3)	1.090 (27.7)	.328 (8.3)	.500 (12.7)
08	16	.500 (12.7)	1.210 (30.7)	.720 (18.3)	1.090 (27.7)	.328 (8.3)	.500 (12.7)
09	20	.562 (14.3)	1.210 (30.7)	.720 (18.3)	1.220 (31.0)	.452 (11.5)	.625 (15.9)
10	20	.625 (15.9)	1.210 (30.7)	.720 (18.3)	1.220 (31.0)	.452 (11.5)	.625 (15.9)
11	24	.688 (17.5)	1.210 (30.7)	.660 (16.8)	1.340 (34.0)	.515 (13.1)	.750 (19.1)
12	24	.750 (19.1)	1.360 (34.5)	.660 (16.8)	1.340 (34.0)	.515 (13.1)	.750 (19.1)
13	28	.812 (20.6)	1.360 (34.5)	.790 (20.1)	1.530 (38.9)	.640 (16.3)	.875 (22.2)
14	28	.875 (22.2)	1.510 (38.4)	.790 (20.1)	1.530 (38.9)	.640 (16.3)	.875 (22.2)
15	32	.938 (23.8)	1.510 (38.4)	.870 (22.1)	1.720 (43.7)	.765 (19.4)	1.000 (25.4)
16	32	1.000 (25.4)	1.510 (38.4)	.870 (22.1)	1.720 (43.7)	.765 (19.4)	1.000 (25.4)
17	36	1.062 (27.0)	1.510 (38.4)	.830 (21.1)	1.850 (47.0)	.859 (21.8)	1.125 (28.6)
18	36	1.125 (28.6)	1.510 (38.4)	.830 (21.1)	1.850 (47.0)	.859 (21.8)	1.125 (28.6)
20	40	1.250 (31.8)	1.510 (38.4)	.820 (20.8)	1.970 (50.0)	.984 (25.0)	1.250 (31.8)
22	44	1.375 (34.9)	1.510 (38.4)	.910 (23.1)	2.090 (53.1)	1.125 (28.6)	1.375 (34.9)
24	48	1.500 (38.1)	1.510 (38.4)	.900 (22.9)	2.280 (57.9)	1.250 (31.8)	1.500 (38.1)

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. Consult factory for shorter lengths on straight backshells.
4. Backshells supplied with 600-052-* band, see Glenair Series 600 Tool Catalog for installation.