443-010
EMI/RFI Cable Sealing Backshell
Band-in-a-Can with Strain-Relief
Direct Coupling - Standard Profile

CONNECTOR DESIGNATORS

A-B*-C-D-E-F

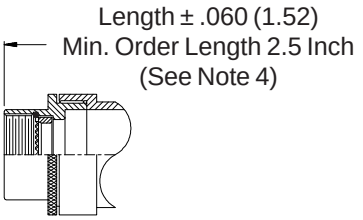
G-H-J-K-L-S

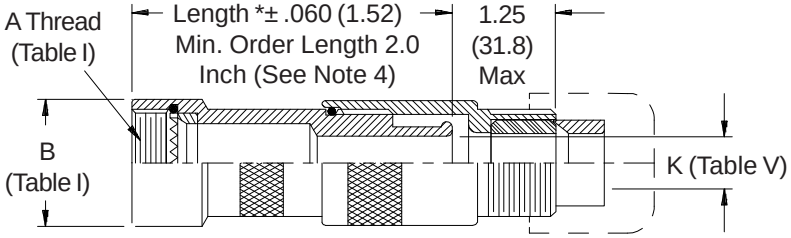
*** Conn. Desig. B See Note 5**

DIRECT COUPLING

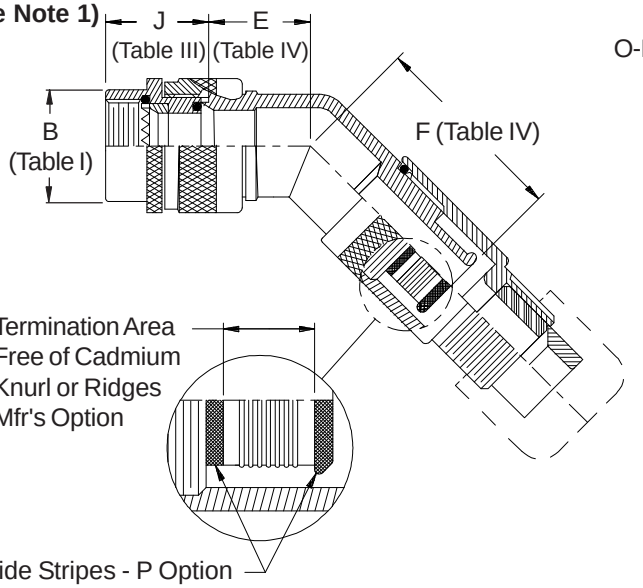
443 F S 010 NF 16 12-8 H K P

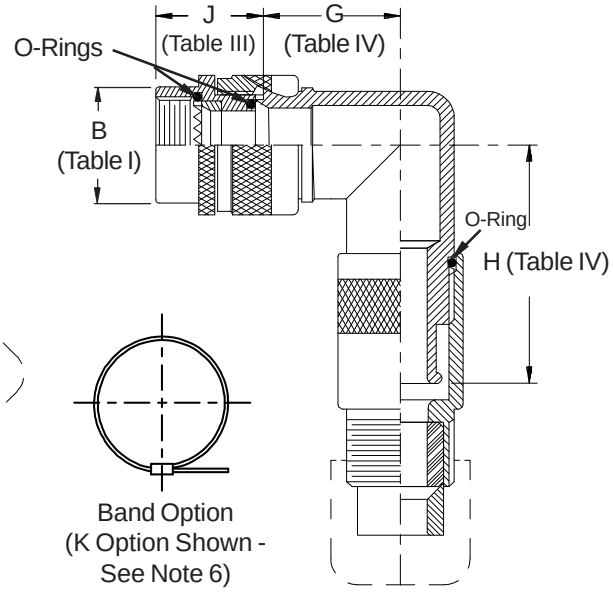
- Product Series: 443
- Connector Designator: F
- Angle and Profile: S
  - H = 45°
  - J = 90°
  - S = Straight
- Basic Part No.: 010
- Finish (Table II): NF
- Shell Size (Table I): 16
- Dash No. (Table V): 12-8
- Length: S only (1/2 inch increments, e.g. 8 = 4.000 inches)
- Strain Relief Style (H, A, M, D, Tables X & XI): H
- B = Band, K = Precoiled Band (Omit for none): K
- Polysulfide (Omit for none): P



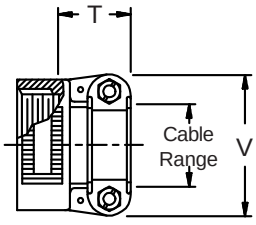


STYLE 2
(STRAIGHT
See Note 1)

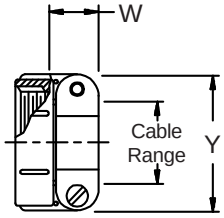




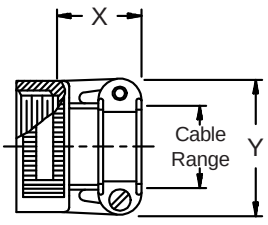
STYLE H
Heavy Duty (Table X)



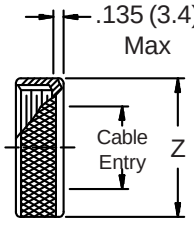
STYLE A
Medium Duty (Table XI)



STYLE M
Medium Duty (Table XI)



STYLE D
Medium Duty (Table XI)



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443-010
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Glenair®

TABLE III: FRONT ADAPTER

Shell Size	J Max - Conn. Designator A-E-F J-H-L-S	D-B-G-K	C
08/09	1.180 (30.0)	1.250 (31.8)	
10/11	1.180 (30.0)	1.250 (31.8)	
12/13	1.180 (30.0)	1.250 (31.8)	1.735 (44.1)
14/15	1.180 (30.0)	1.250 (31.8)	1.915 (48.6)
16/17	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
18/19	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
20/21	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
22/23	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
24/25	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
28/29	1.610 (40.9)	1.560 (39.6)	1.915 (48.6)
32/33	1.610 (40.9)	1.750 (44.5)	1.915 (48.6)
36	1.610 (40.9)	1.750 (44.5)	1.915 (48.6)
40	1.610 (40.9)	2.190 (55.6)	1.915 (48.6)

TABLE IV: ELBOW DIMENSIONS

Elbow Size	E Max		F Max		G Max		H Max	
04	.664	(16.9)	1.410	(35.8)	.810	(20.6)	1.550	(39.4)
06	.688	(17.5)	1.430	(36.3)	.870	(22.1)	1.610	(40.9)
08	.688	(17.5)	1.430	(36.3)	.870	(22.1)	1.610	(40.9)
10	.732	(18.6)	1.480	(37.6)	.980	(24.9)	1.740	(44.2)
12	.748	(19.0)	1.490	(37.8)	1.020	(25.9)	1.760	(44.7)
16	.773	(19.6)	1.510	(38.4)	1.080	(27.4)	1.820	(46.2)
20	1.041	(26.4)	1.750	(44.5)	1.480	(37.6)	2.210	(56.1)
24	1.041	(26.4)	1.750	(44.5)	1.480	(37.6)	2.210	(56.1)
28	1.092	(27.7)	1.790	(45.5)	1.610	(40.9)	2.300	(58.4)

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

TABLE V: CABLE ENTRY

Dash No.	Clamp Size	K Dia	
02	03	.125	(3.2)
03	03	.188	(4.8)
04	03	.250	(6.4)
05	04	.312	(7.9)
06	06	.375	(9.5)
07	06	.438	(11.1)
08	08	.500	(12.7)
09	10	.562	(14.3)
10	10	.625	(15.9)
11	12	.688	(17.5)
12	12	.750	(19.1)
13	16	.812	(20.6)
14	16	.875	(22.2)
15	16	.938	(23.8)
16	20	1.000	(25.4)
17	20	1.062	(27.0)
18	20	1.125	(28.6)
20	20	1.250	(31.8)
22	24	1.375	(34.9)
24	28	1.500	(38.1)

1. When maximum cable entry (page 22) is exceeded, Style 2 will be supplied. (Function S only).
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. When using Connector Designator B refer to pages 18 and 19 for part number development.
6. Backshells supplied with 600-052-* band, see Glenair Series 600 Tool Catalog for installation.

TABLE X: CABLE ENTRY

Clamp Size	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)

TABLE XI: CABLE ENTRY

Clamp Size	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)

* Not available in Style M clamp.

** Not Applicable Style D

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