Glenair®

712-419
Self-Locking Composite Conduit Adapter for Series 74 PEEK, PFA, ETFE, FEP or PTFE Tubing Shielding Optional

712 F T 419 XM 19 12-20 K-1 A

- Product Series
- Connector Designator (A, F, H & U)
- Angular Function
  - S - Straight
  - T = 45° Elbow
  - W = 90° Elbow
- Basic No.
- Finish (Table III)
- Shell Size (Table I) (See Note 1)
- Dash No. (Table II)
- Optional Length (See Note 3) Symbol "S" only
- Tubing Option (See Note 2)
  - K = PEEK (Omit for PFA, ETFE, FEP, or PTFE)
- To accommodate EMI or Dacron overbraid (Omit if Not Required)
- Add Letter for Optional Configuration (See Detail A and Note 4)

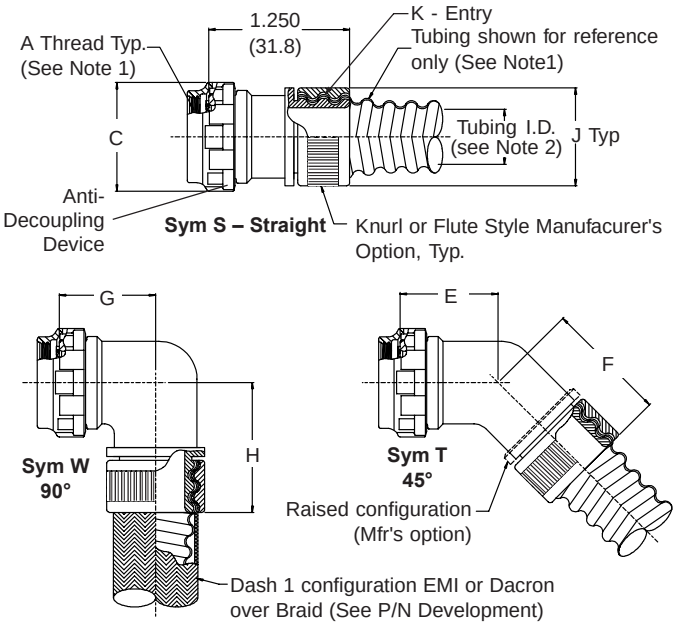

Table I

Shell Size A,F & H	Shell Size G & U	E ±.06 (1.5)	F ±.09 (2.3)	G ±.06 (1.5)	H ±.09 (2.3)	Tubing Size Max.
08, 09	–	.720 (18.3)	.890 (22.6)	.690 (17.5)	1.110 (28.2)	09
03, 10, 11	08	.750 (19.1)	.950 (24.1)	.750 (19.1)	1.160 (29.5)	12
12, 13	10, 11	.750 (19.1)	1.020 (25.9)	.810 (20.6)	1.220 (31.0)	16
14, 15	12, 13	.760 (19.3)	1.050 (26.7)	.880 (22.4)	1.290 (32.8)	20
16, 17	14, 15	.780 (19.8)	1.070 (27.2)	.940 (23.9)	1.350 (34.3)	24
18, 19	16, 17	.790 (20.1)	1.080 (27.4)	.970 (24.6)	1.380 (35.1)	28
20, 21	18, 19	.820 (20.8)	1.110 (28.2)	1.060 (26.9)	1.470 (37.3)	32
22, 23	20	.860 (21.8)	1.150 (29.2)	1.130 (28.7)	1.540 (39.1)	32
24, 25, 61	22, 23	.890 (22.6)	1.180 (30.0)	1.190 (30.2)	1.730 (43.9)	40
28	24, 25	.920 (23.4)	1.210 (30.7)	1.340 (34.0)	1.820 (46.2)	40

Table II

Dash No.	Conduit I.D.		J Dia Max		K Entry	
06	.188	(4.8)	.540	(13.7)	.120	(3.0)
09	.281	(7.1)	.630	(16.0)	.220	(5.6)
10	.312	(7.9)	.690	(17.5)	.240	(6.1)
12	.375	(9.5)	.730	(18.5)	.290	(7.4)
14	.437	(11.1)	.800	(20.3)	.340	(8.6)
16	.500	(12.7)	.870	(22.1)	.400	(10.2)
20	.625	(15.9)	1.000	(25.4)	.520	(13.2)
24	.750	(19.1)	1.180	(30.0)	.650	(16.5)
28	.875	(22.2)	1.320	(33.5)	.780	(19.8)
32	1.000	(25.4)	1.470	(37.3)	.900	(22.9)
40	1.250	(31.8)	1.760	(53.3)	1.080	(27.4)
48	1.500	(38.1)	2.130	(54.1)	1.320	(33.5)

Metric dimensions (mm) are in parentheses and are for reference only.

Table III

XM	Electroless Nickel
XW	Cadmium Olive Drab Over Electroless Nickel
XB	No Plating - Black Material
XO	No Plating - Base Material Non-conductive

NOTES:

1. Convoluted tubing size, tubing to be ordered seperately (see Series 74 Catalog, Type A Tubing Section, Standard Pitch). Dash 1 configuration accommodates Type B or D Tubing.
2. Different adapters are necessary to terminate PEEK tubing. Nominal I.D. reduced by approximately .060 (use Suffix P) in P/N development.
3. Add optional length in 1/4 inch increments: 20 = 5.00 inches. Omit for standard 1.250 length.
4. For permanant installation suse 3M Scotch Weld Tape after installing tubing/shield (see Detail A).

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