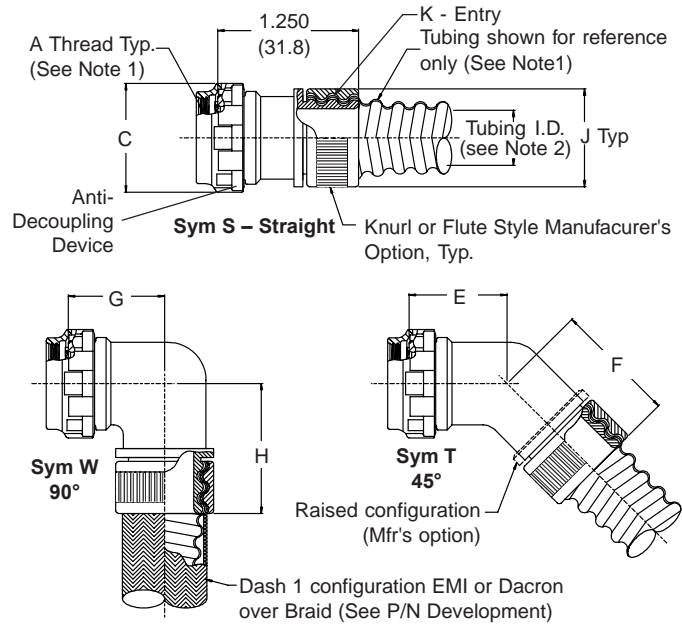




# 712-419 Self-Locking Composite Conduit Adapter for Series 74 PEEK, PFA, ETFE, FEP or PTFE Tubing Shielding Optional

**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)



Shell Size		E	F	G	H	Tubing Size Max.
A, F & H	G & U	±.06 (1.5)	±.09 (2.3)	±.06 (1.5)	±.09 (2.3)	
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

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)

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

**NOTES:**

1. Convolute tubing size, tubing to be ordered separately (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 permanent installation use 3M Scotch Weld Tape after installing tubing/shield (see Detail A).

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

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