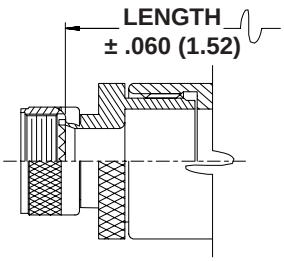
712-127 - Types B, D & E
Straight, 45° & 90° Non-Environmental User-Installable Connector Fitting for Series 74 Helical Convoluted Tubing

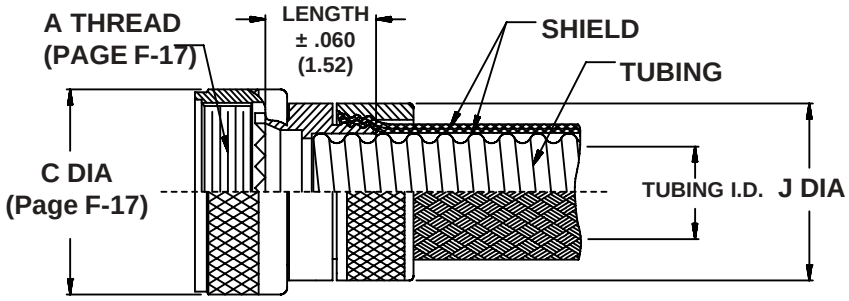
TYPES B, D, & E

712 F S 127 M 16 20 - 6 1 B

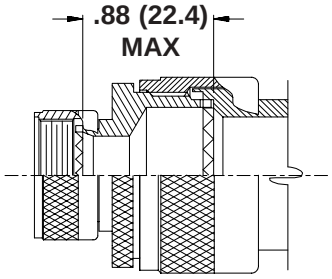
- Product Series
- Conn. Designator A, F, H, L, or S (Pages F-3 to F-5)
- Angular Function: K = 45°, L = 90°, S = Straight
- Basic No.
- Finish (Table II)
- Shell Size (Table I)
- Dash No. (Table III)
- Length in 1/2 inch (12.7) increments (Example: 6 = 3.0 inches (76.2))
- Style 1 or 2
- Conduit Type B, D, or E



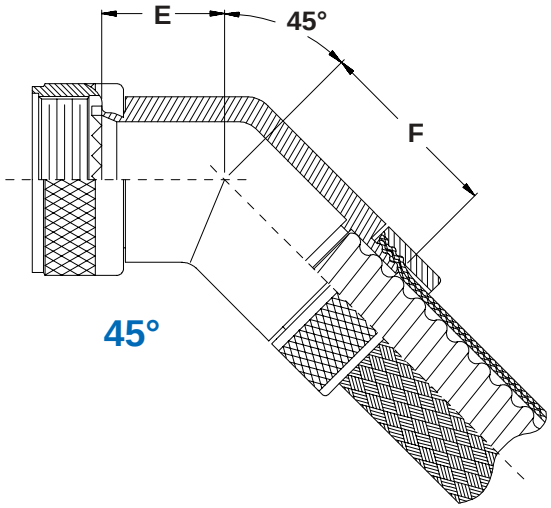
STYLE 2



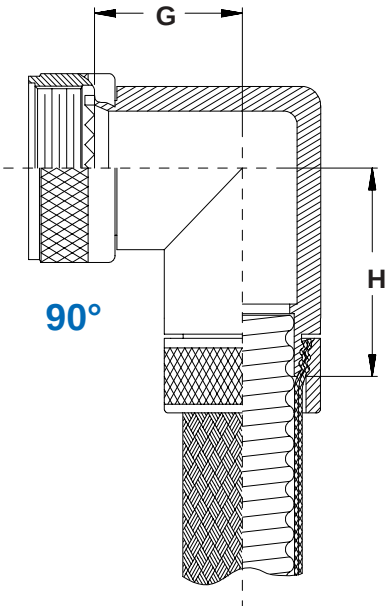
STRAIGHT



STYLE 2
(45° & 90°)



45°



90°

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712-127 - Types B, D & E

Straight, 45° & 90° Non-Environmental User-Installable Connector Fitting for Series 74 Helical Convoluted Tubing

TABLE I

SHELL SIZE A,F,L,S	SHELL SIZE H	E MAX	F MAX	G MAX	H MAX
08	09	.639 (16.2)	.950 (24.1)	.750 (19.1)	1.060 (26.9)
10	11	.664 (16.9)	.980 (24.9)	.810 (20.6)	1.120 (28.4)
12	13	.688 (17.5)	1.000 (25.4)	.870 (22.1)	1.180 (30.0)
14	15	.705 (17.9)	1.030 (26.2)	.920 (23.4)	1.250 (31.8)
16	17	.732 (18.6)	1.050 (26.7)	.980 (24.9)	1.310 (33.3)
18	19	.748 (19.0)	1.060 (26.9)	1.020 (25.9)	1.330 (33.8)
20	21	.773 (19.6)	1.080 (27.4)	1.080 (27.4)	1.390 (35.3)
22	23	.800 (20.3)	1.120 (28.4)	1.140 (29.0)	1.470 (37.3)
24	25	.823 (20.9)	1.150 (29.2)	1.200 (30.5)	1.540 (39.1)
28	--	1.041 (26.4)	1.320 (33.5)	1.480 (37.6)	1.780 (45.2)
32	--	1.092 (27.7)	1.360 (34.5)	1.610 (40.9)	1.870 (47.5)
36	--	1.138 (28.9)	1.410 (35.8)	1.720 (43.7)	1.980 (50.3)

TABLE II

SYMBOL	FINISH
B	Olive Drab over Cadmium Plate
J	Gold Iridite over Cadmium Plate over Nickel
M	Electroless Nickel
N	Olive Drab over Cadmium Plate over Nickel
NC	Zinc-Cobalt, Olive Drab
NF	Olive Drab over Cadmium Plate over Electroless Nickel (500 Hour Salt Spray)
T	Bright Dip Cadmium Plate over Nickel

TABLE III

DASH NO.	TUBING I.D. MIN	TUBING I.D. MAX	J MAX
06	.181 (4.6)	.188 (4.8)	.910 (23.1)
09	.273 (6.9)	.281 (7.1)	1.000 (25.4)
10	.306 (7.8)	.312 (7.9)	1.032 (26.2)
12	.364 (9.2)	.375 (9.5)	1.095 (27.8)
14	.427 (10.8)	.437 (11.1)	1.167 (29.6)
16	.485 (12.3)	.500 (12.7)	1.220 (31.0)
20	.608 (15.4)	.625 (15.9)	1.345 (34.2)
24	.730 (18.5)	.750 (19.1)	1.470 (37.3)
28	.860 (21.8)	.875 (22.2)	1.595 (40.5)
32	.975 (24.8)	1.000 (25.4)	1.720 (43.7)
40	1.210 (30.7)	1.250 (31.8)	1.970 (50.0)
48	1.437 (36.5)	1.500 (38.1)	2.220 (56.4)
56	1.688 (42.9)	1.750 (44.5)	2.470 (62.7)
64	1.937 (49.2)	2.000 (50.8)	2.720 (69.1)

NOTES:

1. Metric dimensions (mm) are in parentheses.
2. Tubing shown for reference only.
3. When tubing I.D. max exceeds inside diameter of connector shell, style 2 may be supplied. Refer to pages F-15 and F-16.

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