



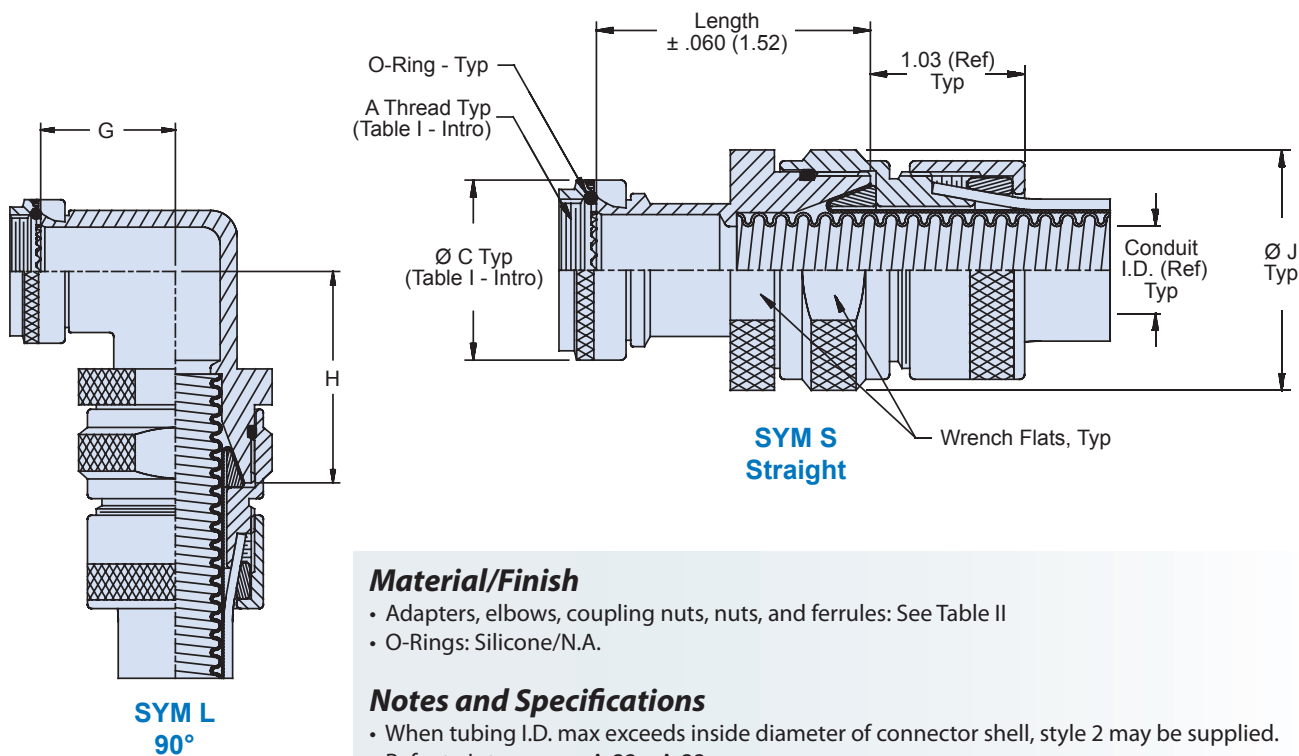
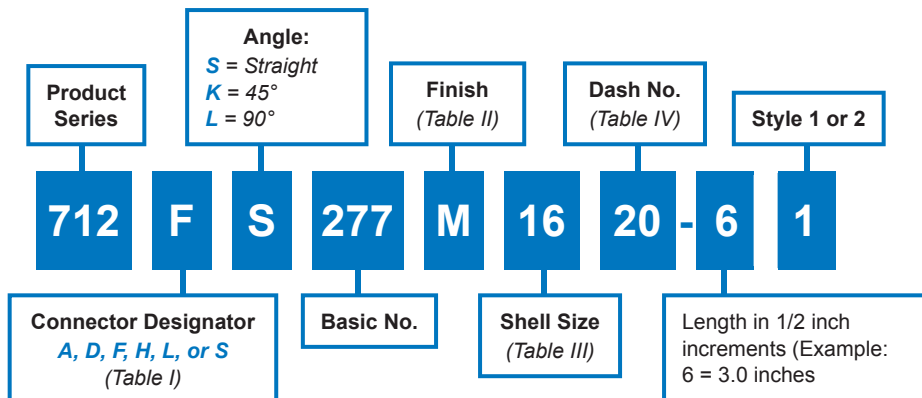
712-277

Heavy-Duty Ground Ring System Backshell with Ground Ring Shield Termination for Series 74 Helical Convuluted Tubing

Heavy-Duty convoluted tubing-to-connector backshell, environmental, for tubing with one or two braids and jacket



How To Order



Material/Finish

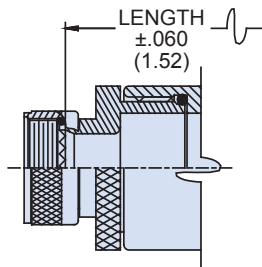
- Adapters, elbows, coupling nuts, nuts, and ferrules: See Table II
- O-Rings: Silicone/N.A.

Notes and Specifications

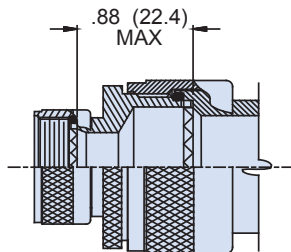
- When tubing I.D. max exceeds inside diameter of connector shell, style 2 may be supplied. Refer to Intro, pages A-32 – A-33.
- O-Ring not supplied with connector designator A
- Standard minimum length for Style I is 1.50 inch, for Style II is 2.00 inches. Consult factory for shorter length. Note: applies to Symbol S, Straight, only.

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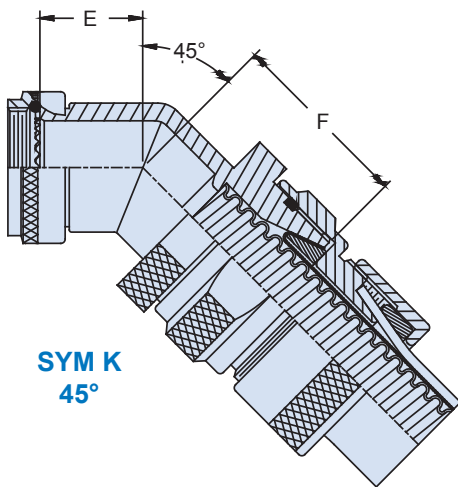
Heavy-Duty Ground Ring System Backshell with Ground Ring Shield Termination for Series 74 Helical Convoluted Tubing

Series 74
Helical Tubing

**STYLE 2
(STRAIGHT)**



**STYLE 2
(45° & 90°)**



**SYM K
45°**

Table III: Shell Size/Dimensions

Shell Size A, D, F, L, S	H				
		E Max	F Max	G Max	H Max
08	09	.64 (16.3)	1.23 (31.2)	.75 (19.1)	1.34 (34.0)
10	11	.66 (16.8)	1.26 (32.0)	.81 (20.6)	1.40 (35.6)
12	13	.69 (17.6)	1.28 (32.5)	.87 (22.1)	1.46 (37.1)
14	15	.71 (18.0)	1.31 (33.3)	.92 (23.4)	1.53 (38.9)
16	17	.73 (18.5)	1.33 (33.8)	.98 (24.9)	1.59 (40.4)
18	19	.75 (19.1)	1.34 (34.0)	1.02 (25.9)	1.61 (40.9)
20	21	.77 (19.6)	1.36 (34.5)	1.08 (27.4)	1.67 (42.4)
22	23	.80 (20.3)	1.40 (35.6)	1.14 (29.0)	1.75 (44.5)
24	25	.82 (20.8)	1.43 (36.3)	1.20 (30.5)	1.82 (46.2)
28		1.04 (26.4)	1.60 (40.6)	1.48 (37.6)	2.06 (52.3)
32		1.09 (27.7)	1.64 (41.7)	1.61 (40.9)	2.15 (54.6)
36		1.14 (29.0)	1.69 (42.9)	1.72 (43.7)	2.26 (57.4)

Table II: Finish

Sym	Material	Finish Description
B	AL Alloy	Olive Drab over Cadmiup Plate
J		Gold Iridite over Cadmiup 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
Z1	300 Series SST	Passivate

Table IV: Dash No./Dimensions

Dash No.	Conduit I.D.		Ø J Max
	Min	Max	
06	.181 (4.6)	.188 (4.8)	1.09 (27.7)
09	.273 (6.9)	.281 (7.1)	1.16 (29.5)
10	.306 (7.8)	.312 (7.9)	1.22 (31.0)
12	.359 (9.1)	.375 (9.5)	1.28 (32.5)
14	.427 (10.8)	.437 (11.1)	1.34 (34.0)
16	.480 (12.2)	.500 (12.7)	1.41 (35.8)
20	.603 (15.3)	.625 (15.9)	1.53 (38.9)
24	.725 (18.4)	.750 (19.1)	1.66 (42.2)
28	.860 (21.8)	.875 (22.2)	1.78 (45.2)
32	.970 (24.6)	1.000 (25.4)	1.91 (48.5)
40	1.205 (30.6)	1.250 (31.8)	2.28 (57.9)
48	1.437 (36.5)	1.500 (38.1)	2.59 (65.8)
56	1.688 (42.9)	1.750 (44.5)	2.91 (73.9)
64	1.937 (49.2)	2.000 (50.8)	3.03 (77.0)

C

Mouser Electronics

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<u>712HS277NF1512-31</u>	<u>712AS277NF2832-31</u>	<u>712HS277NF1310-31</u>	<u>712HS277NF1714-31</u>	<u>712HS277NF1716-31</u>
<u>712HS277NF1109-31</u>	<u>712HS277NF2124-31</u>	<u>712HS277NF1112-31</u>	<u>712HS277NF2314-31</u>	<u>712AS277NF1010-31</u>
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<u>712HS277NF1314-31</u>	<u>712HS277NF2120-31</u>	<u>712AS277M2216-41</u>	<u>712HS277NF1720-31</u>	<u>712HS277NF0910-61</u>
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<u>712DS277NF1416-41</u>	<u>712HS277NF0916-31</u>	<u>712AS277NF1416-31</u>	<u>712AS277NF1424-31</u>	<u>712HS277B1520-41</u>
<u>712HS277M1712-31</u>	<u>712AS277NF1224-31</u>	<u>712HS277NF2324-31</u>		