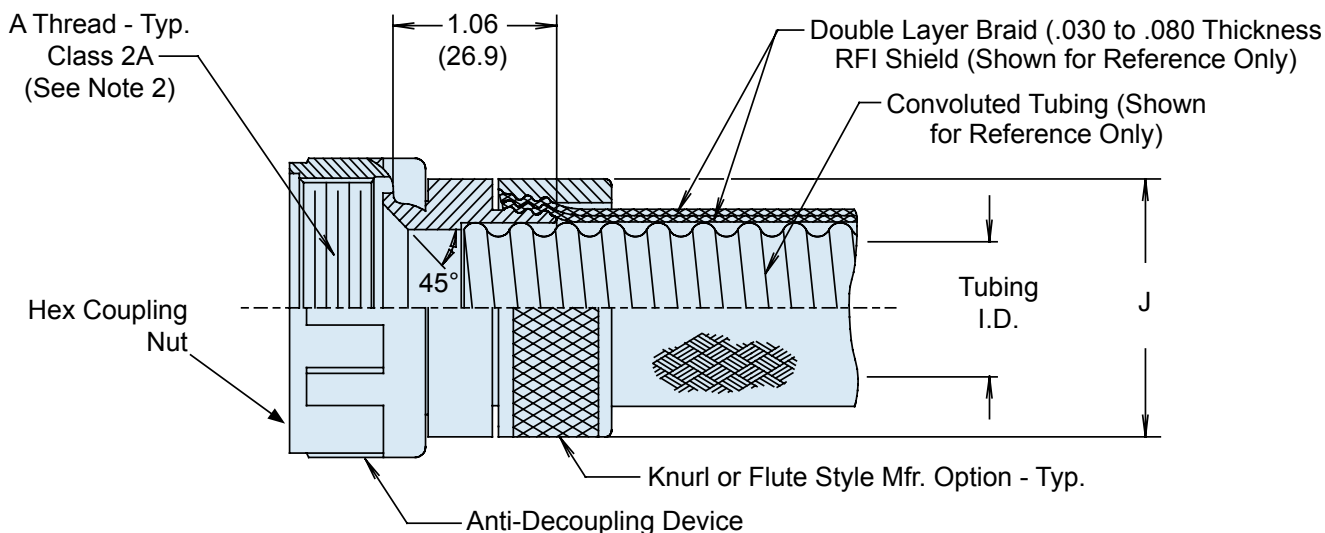
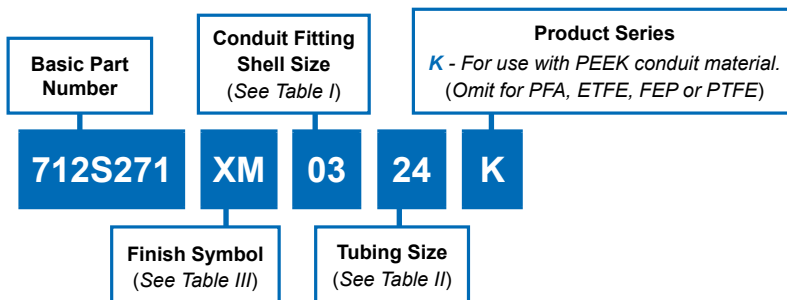


# 712S271

## Composite Dual EMI/RFI Shield Termination Conduit Fitting

### For Glenair Series 74 Helical Convuluted Tubing



#### APPLICATION NOTES

1. Metric dimensions (mm) are in parentheses and are for reference only.
2. Convuluted tubing to be ordered separately. See Type E tubing.
3. Mates to 710-318, -319, -320 and -321 transitions
4. Coupling nut supplied unplated.

**712S271**  
**Composite Dual EMI/RFI Shield Termination**  
**Conduit Fitting**  
**For Glenair Series 74 Helical Convolted Tubing**



Convolted  
Tubing

**TABLE I: CONDUIT FITTING SHELL SIZE**

| Shell Size | A Thread Unified | Max Conduit Size Table 2 | Weight in Pounds Max. |
|------------|------------------|--------------------------|-----------------------|
| 01         | .750 - 20        | 16                       | .035                  |
| 02         | 1.000 - 20       | 24                       | .047                  |
| 03         | 1.312 - 18       | 32                       | .062                  |
| 04         | 1.500 - 18       | 40                       | .077                  |
| 05         | 2.000 - 18       | 64                       | .104                  |
| 06         | .500 - 20        | 09                       | .030                  |
| 07         | .625 - 24        | 12                       | .031                  |

**TABLE II: TUBING SIZE**

| Tubing Size | Conduit I.D. | J Dia Max    |
|-------------|--------------|--------------|
| 06          | .188 (4.8)   | .790 (20.1)  |
| 09          | .281 (7.1)   | .985 (25.0)  |
| 10          | .312 (7.9)   | .985 (25.0)  |
| 12          | .375 (9.5)   | 1.035 (26.3) |
| 14          | .437 (11.1)  | 1.100 (27.9) |
| 16          | .500 (12.7)  | 1.160 (29.5) |
| 20          | .625 (15.9)  | 1.285 (32.6) |
| 24          | .750 (19.1)  | 1.480 (37.6) |
| 28          | .875 (22.2)  | 1.670 (42.4) |
| 32          | 1.000 (25.4) | 1.720 (43.7) |
| 40          | 1.250 (31.8) | 2.100 (53.3) |
| 48          | 1.500 (38.1) | 2.420 (61.5) |
| 56          | 1.750 (44.5) | 2.660 (67.6) |
| 64          | 2.000 (50.8) | 2.910 (73.9) |

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**TABLE III**

| Symbol | Finish Description                                                                  |
|--------|-------------------------------------------------------------------------------------|
| XB     | No Plating - Black Color (Non-Conductive Finish)                                    |
| XM     | 2000 Hour Corrosion Resistant Electroless Nickel                                    |
| XMT    | 2000 Hour Corrosion Resistant Ni-PTFE, Nickel-Fluorocarbon Polymer. 1000 Hour Grey™ |
| XO     | No Plating - Brown Color (Non-Conductive Finish)                                    |
| XW     | 2000 Hour Corrosion Resistant Cadmium/Olive Drab over Electroless Nickel            |