

# 712S270

## Composite EMI/RFI Single Shield Termination Conduit Fitting

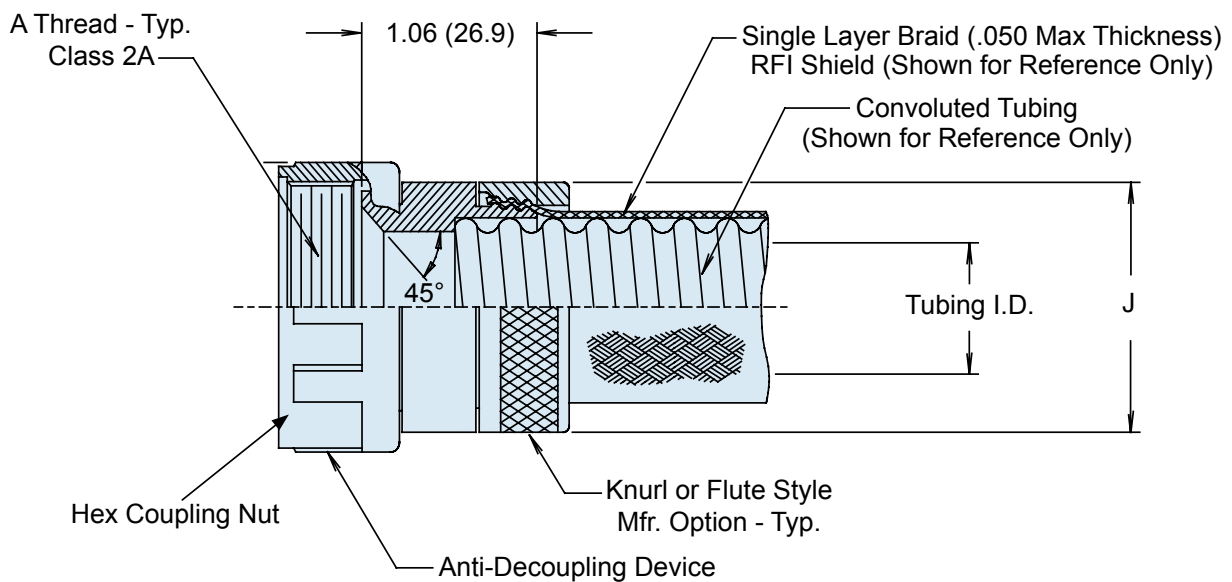
### For Glenair Series 74 Helical Convolved Tubing



Convolved  
Tubing

| Basic Part Number                | Conduit Fitting Shell Size<br>(See Table I) | Product Series<br><i>K</i> - For use with PEEK conduit material.<br>(Omit for PFA, ETFE, FEP or PTFE) |
|----------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 712S270                          | XM                                          | 03 24 K                                                                                               |
| Finish Symbol<br>(See Table III) | Tubing Size<br>(See Table II)               |                                                                                                       |

| 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            |



| 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) |

#### APPLICATION NOTES

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