



APPLICATION NOTES

1. Metric dimensions (mm) are in parentheses and are for reference only.
2. Convulsed 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 Convoluted 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) |

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. <i>1000 Hour Grey™</i> |
| XO | No Plating - Brown Color (Non-Conductive Finish) |
| XW | 2000 Hour Corrosion Resistant Cadmium/Olive Drab over Electroless Nickel |