



**Connectors**

| Interface              | Description | Type Number | Inner Contact Attachment | Outer Contact Attachment | Plating Code | Max. Length in (mm) | Max. Dia. in (mm) |
|------------------------|-------------|-------------|--------------------------|--------------------------|--------------|---------------------|-------------------|
| N Male                 | OnePiece    | L7PNM-RPC   | Captivated               | Self-Flare               | SS           | 4.4 (112)           | 2.47 (62.7)       |
| N Female               | OnePiece    | L7PNF-RPC   | Captivated               | Self-Flare               | SG           | 4.5 (114)           | 2.47 (62.7)       |
| N Female               | RingFlare   | L7PNF-RC    | Captivated               | Self-Flare               | SG           | 4.2 (107)           | 2.36 (59.9)       |
| 7-16 DIN Male          | OnePiece    | L7PDM-RPC   | Captivated               | Self-Flare               | SS           | 4.2 (107)           | 2.46 (62.5)       |
| 7-16 DIN Female        | OnePiece    | L7PDF-RPC   | Captivated               | Self-Flare               | SS           | 4.1 (104)           | 2.45 (62.2)       |
| 7-16 DIN Female        | RingFlare   | L7PDF-RC    | Captivated               | Self-Flare               | SS           | 3.4 (86)            | 2.36 (59.9)       |
| 7/8" EIA Flange        | -           | L47S        | Tab Flare                | Self-Flare               | BB           | 5.1 (130)           | 2.25 (57)         |
| 1-5/8" EIA Flange      | -           | L47R        | Tab Flare                | Self-Flare               | BB           | 5.1 (130)           | 3.5 (89)          |
| F Flange Flange Male   | -           | L47F        | Tab Flare                | Self-Flare               | BB           | 5.9 (150)           | 2.25 (57)         |
| F Flange Flange Female | -           | 201942      | Tab Flare                | Self-Flare               | BB           | 5.5 (140)           | 2.25 (57)         |
| Splice                 | -           | L47Z        | Tab Flare                | Self-Flare               | BB           | 5.1 (130)           | 2.9 (74)          |

Plating Codes: BB - Brass Body and Pin, SG - Silver Plated Body and Gold Plated Pin, SS - Silver Plated Body and Pin

**Connector Accessories** – See page 624

**Factory Attached Connectors** – For factory made cable assemblies and jumper cables, see pages 584-587.

**Standard VSWR Specifications**

| Frequency Band, GHz | Type Number | Assembly VSWR, Maximum (R.L., dB) |                    |                      |                       |                      |
|---------------------|-------------|-----------------------------------|--------------------|----------------------|-----------------------|----------------------|
|                     |             | 1-25 ft (0.3-8 m)                 | 25-100 ft (8-30 m) | 100-200 ft (30-60 m) | 200-500 ft (60-150 m) | Above 500 ft (150 m) |
| 0.806-0.960         | LDF7-50A    | 1.10 (26.4)*                      | 1.10 (26.4)*       | 1.12 (24.97)*        | 1.13 (24.3)*          | 1.13 (24.3)**        |
| and 1.7-2.0         | LDF7RN-50A  | 1.10 (26.4)*                      | 1.10 (26.4)*       | 1.12 (24.97)*        | 1.13 (24.3)*          | 1.13 (24.3)**        |

\* Expected typical values based on guaranteed 1.13 VSWR for bulk cable and Type N or DIN straight connectors. If guaranteed values are required, contact Andrew.  
 \*\* 1.13 VSWR guaranteed for bulk standard cable lengths 500 ft and above.