

CELLFLEX® Factory-Fit Jumper Assembly, 7-16 DIN Male / 7-16 DIN Male

Product Description

Radio Frequency Systems' CELLFLEX®; Factory-Fit Jumpers feature specially designed connectors which are soldered-on in a strictly controlled industrial process to ensure industry leading performance for today's high-performance wireless systems. The connector design and manufacturing process has been optimized to produce premium VSWR and IM levels. Injection molded boots provide reliable and repeatable additional sealing level and strain relief. Our facilities produce and stock all popular lengths as required by the industry, and can deliver custom lengths with premium VSWR and IM levels on request.



Picture shows 7M7ML12-0100FFS for illustration purpose

Features/Benefits

- **Stable premium VSWR, outstanding and consistent intermodulation performance**
Improved network performance, reduces the number of dropped calls and avoids revenue loss.
- **Waterproof to IP 68**
No downtime risk, secures revenue.
- **Jumper label is serialized**
Ensure traceability.
- **Available with standard "J" or flame retardant "JFN" jacket types**
Usable in all applications.
- **Compliant to RoHS (EU) and CRoHS (China)**
Usable on a global basis.

Technical Specifications

| | |
|---------------------------------|--|
| Cable Type | 1/2" Low Loss Foam |
| Jumper Type | Factory-Fit (Standard) |
| Length, m (ft) | 3.0 (9.8) |
| Connector A | 7-16 DIN Male |
| Center Contact Connector A | Brass, silver plated |
| Outer Contact Connector A | Brass, silver plated |
| Coupling Nut Connector A | Hexagon nut, Nickel plated |
| Connector B | 7-16 DIN Male |
| Center Contact Connector B | Brass, silver plated |
| Outer Contact Connector B | Brass, silver plated |
| Coupling Nut Connector B | Hexagon nut, Nickel plated |
| Dielectric | PTFE |
| Gasket | Silicone rubber |
| Sealing class | IP68 |
| Jacket | Black Polyethylene Halogen-free acc. IEC 60754-1 and -2 |
| Minimum Bend Radius, mm (in) | 125 (5) |
| Frequency Band(s), MHz | 410 - 470 / 820 - 960 / 1710 - 1990 / 2000 - 2200 |
| Return Loss, dB (VSWR), typical | 26.0 (1.105:1) @ 410-470 MHz 26.0 (1.105:1) @ 820-960 MHz 26.0 (1.105:1) @ 1710-1990 MHz 26.0 (1.105:1) @ 2000-2200 MHz |
| Intermodulation, 3rd Order, dBc | -155 (typical) |

Other Documentation

Handling instruction: 2800102-c.pdf