

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

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.



7M7FS12-0050FFP

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" Superflexible Foam
Jumper Type	Factory-Fit (Premium)
Length, m (ft)	0.5 (1.6)
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 Female
Center Contact Connector B	Spring bronze, silver plated
Outer Contact Connector B	Brass, silver 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)	32 (1.25)
Frequency Band(s), MHz	410 - 470 / 806 - 960 / 1700 - 2000 / 2000 - 2200 / 2200 - 2700
Return Loss, dB (VSWR), typical	37.0 (1.03:1) @ 410-470 MHz 35.0 (1.04:1) @ 806-960 MHz 32.0 (1.05:1) @ 1700-2000 MHz 32.0 (1.05:1) @ 2000-2200 MHz 29.0 (1.07:1) @ 2200-2700 MHz
Intermodulation, 3rd Order, dBc	-155 (typical)

Other Documentation

Handling instruction: 2800102-c.pdf