

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.



Picture shows 7M7FS12F-0100FFP 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.
- **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)	1 (3.3)
Connector A	7-16 DIN Male
Center Contact Connector A	Brass, silver plated
Outer Contact Connector A	Trimetal 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	Trimetal plated
Coupling Nut Connector B	Hexagon nut, Nickel plated
Dielectric	PTFE
Gasket	Silicone rubber
Sealing class	IP68
Jacket	JFN: halogen free, non corrosive, flame retardant, low smoke, polyolefin, Test methods for fire behaviour of cable :, IEC 60754-1/-2 smoke emission: halogen free, non corrosive, IEC 61034 low smoke, IEC 60332-1 flame retardant
Minimum Bend Radius, mm (in)	32 (1.25)
VSWR (Return Loss, dB), typical	1.065 (30) @ 410 - 470 MHz 1.065 (30) @ 698 - 1000 MHz 1.065 (30) @ 1710 - 1990 MHz 1.065 (30) @ 2000 - 2200 MHz 1.083 (28) @ 2200 - 2700 MHz
Intermodulation, 3rd Order, dBc	-159 (typical)
Installation Temperature, °C(°F)	-25 to 60 (-13 to 140)
Operation Temperature, °C(°F)	-50 to 85 (-58 to 185)
Storage Temperature, °C(°F)	-70 to 85 (-94 to 185)

Other Documentation

Handling instruction: [2800102-c.pdf](#)