Product Data Sheet **7M7ML12-0200FFP**

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 7M7ML12-0100FFP 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.
- 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 (Premium)
Length, m (ft)	2 (6.6)
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 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)
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)	-40 to 60 (-40 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