



CELLFLEX® Factory-Fit Jumper Assembly, N Male / N Male, 1/2" Low Loss Foam, 10 ft

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. Shrink boots provide reliable and repeatable additional sealing level and strain relief.

* Available for North American market

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.



Picture shows 7M7ML12F-0100FFS for illustration purpose

Technical Features

STRUCTURE

Cable Type		1/2" Low Loss Foam
Jumper Type		Factory-Fit (Premium)
Connector A		N Male
Center Contact Connector A		Brass, Silver plated
Outer Contact Connector A		Brass, Trimetal plated
Coupling Nut Connector A		Hexagon nut, Nickel plated
Connector B		N Male
Center Contact Connector B		Brass, Silver plated
Outer Contact Connector B		Brass, Trimetal plated
Coupling Nut Connector B		Hexagon nut, Nickel plated
Dielectric		PTFE
Gasket		Silicone rubber
Jacket		Black Polyethylene Halogen-free acc. IEC 60754-1 and -2

MECHANICAL SPECIFICATIONS

Length	m (ft)	3.05 (10)
Minimum Bend Radius	mm (in)	125 (5)

TESTING AND ENVIRONMENTAL

Sealing class		IP68
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ELECTRICAL SPECIFICATIONS

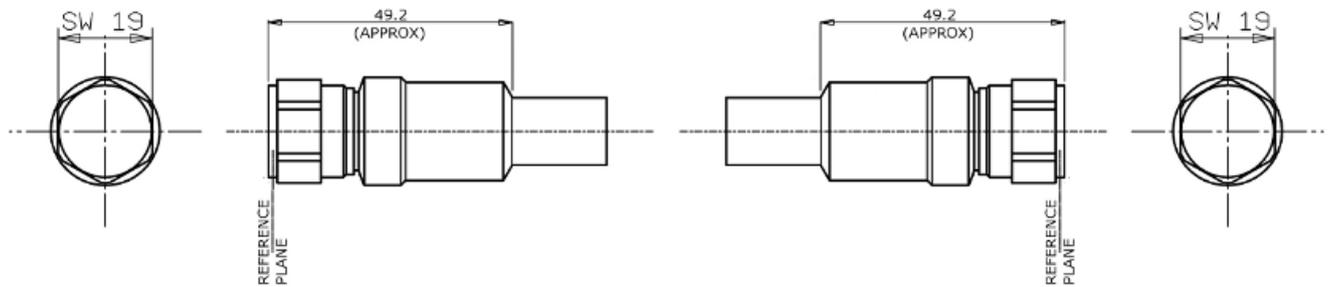
Intermodulation	dBc	≤ -159 (typical)
VSWR, Return Loss	VSWR (dB)	≤ 1.065 (30) @ 410 - 470 MHz ≤ 1.065 (30) @ 698 - 1000 MHz ≤ 1.065 (30) @ 1710 - 1990 MHz ≤ 1.065 (30) @ 2000 - 2200 MHz ≤ 1.083 (28) @ 2200 - 2700 MHz

TEMPERATURE SPECIFICATIONS

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)



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External Document Links

Cable LCF12-50J
Handling instruction

Notes