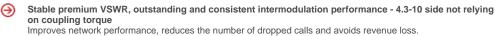


## CELLFLEX® Factory-Fit Jumper Assembly, 4.3-10 Male / 4.3-10 Male, 1/2" Low Loss Foam, 20 ft

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. 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.

\* Available for North American market

## **FEATURES / BENEFITS**



Waterproof to IP 68

No downtime risk, secures revenue.

Smaller connector footprint for 4.3-10

Enables tighter spacing of connections for antennas and RRHs.

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.



shows 7M43MS12-0200FFP for illustration

## **Technical Features**

STRUCTURE			
Cable Type			1/2" Low Loss Foam
Jumper Type			Factory-Fit (Premium)
Connector A			4.3-10 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			4.3-10 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 PolyethyleneHalogen-free acc. IEC 60754-1 and -2
MECHANICAL SPECIFICATIONS			
Length		m (ft)	6.1 (20)
Minimum Bend Radius		mm (in)	32 (1.25)
TESTING AND ENVIRONMENTAL			
Sealing class			IP68
ELECTRICAL SPECIFICATIONS			'
Intermodulation		dBc	≤ -159 (- 161 typical)
VSWR, Return Loss		VSWR (dB)	≤ 1.041 (34) @ 410 - 470 MHz ≤ 1.041 (34) @ 698 - 1000 MHz ≤ 1.052 (32) @ 1710 - 2200 MHz ≤ 1.065 (30) @ 2200 - 2700 MHz ≤ 1.083 (28) @ 2700 - 3800 MHz
TEMPERATURE SPECIFICATIONS			
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 )
External Document Links LCF12-50J Handling instruction	Notes		

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