

**MULTIFLEX-L114**

CELLFLEX®MULTIFLEX Jumper Assembly with low loss coax, LCF114 feeder



MULTIFLEX Jumper-Cable assemblies are the simple solution for those who like to have a very low loss transmission jumper with highest flexibility at both connection ends. RFS site kitting services offers a full assembled Jumper containing feeder-cable from LCF78-50 to LCF158-50, and Jumper cable such as super flexible SCF12-50 for both endings.

Feature / Benefits

- **Stable premium VSWR, outstanding and consistent intermodulation performance - 4.3-10 side not relying on coupling torque**
Improves network performance, reduces the number of dropped calls and avoids revenue loss.
- **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 on global basis in all applications.

Technical features**TESTING AND ENVIRONMENTAL**

Sealing Class	IP68
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ELECTRICAL SPECIFICATIONS

Maximum Operating Frequency	3.8 GHz
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TEMPERATURE SPECIFICATIONS

Installation Temperature	-40°C to 60°C (-40°F to 140°F)
Operation Temperature	-50°C to 85°C (-58°F to 185°F)
Storage Temperature	-70°C to 85°C (-94°F to 185°F)

JUMPER VSWR 0 - 10 M

Frequency	Straight / Straight	Right Angle / Right Angle
Cable Type	LCFS114-50JA	SCF12-50
Cable weight	0.84 Kg/m (0.56 lb/ft)	0.135 Kg/m (0.09 lb/ft)
Min bending radius, single bending	200 mm (8 in)	32 mm (1.3 in)
Min bending radius, multiple bending	380 mm (10 in)	15 mm (1.3 in)
bending moment	43 Nm (30 lb*ft)	2.5 Nm (1.84 lb*ft)
Tensile strength	2490 Nm (560 lb)	650 Nm (146 lb)
Recommended maximum clamp spacing	1 / 1.2 m (3.25 / 4 ft)	0.3 / 0.5 m (1 / 1.64 ft)
Velocity factor	89 %	77 %
Capacitance	74 pF/m (22.6 pF/ft)	86 pF/m (26 pF/ft)
Jacket Spark tested up to:	10.000 V RMS	5000 V RMS
Inner conductor DC resistance	0.83 Ω/Km (0.25 Ω/ 1000 ft)	2.97 Ω/Km (0.9 Ω/ 1000 ft)
Outer conductor DC resistance	0.73 Ω/Km (0.22 Ω/ 1000 ft)	6.5 Ω/Km (1.98 Ω/ 1000 ft)

External Document Links

Notes