

1/4" Flexible Jumper Cables

2.2-5 m Screw to 2.2-5 m Screw Connectors, IP68

General		Mechanical & Climatic Characteristics	
Cable Type	1/4" Superflex Helically Corrugated	Sealing class	IP68
Outer Conductor	Copper	Connector Gasket	Silicone
Centre Conductor	Copper-Clad Aluminium	Connector Torque	3 Nm
Dielectric	Foam Polyethylene	Min. Bending Radius single	15 mm
Jacket	FRNC Black Polyethylene, Halogen Free, UV resistant	Min. Bending Radius repeated	25 mm
Connector Types	2.2-5 male screw to 2.2-5 male screw	Temperature Range (install.)	-25°C to +60°C
Outer Contact	Brass, Silver Plated	Temperature Range (op.)	-40°C to +85°C
Centre Contact	Brass, Silver Plated	Relative Humidity	0-100%
Coupling Nut	Brass Hex Nut, Telealloy Plated	Water Tightness	IP68 mated

Electrical Performance						
	450 MHz	900 MHz	1800 MHz	2100 MHz	2700 MHz	3500 MHz
Typical Return Loss	-34 dB	-34 dB	-32 dB	-32 dB	-32 dB	-32 dB
Typical Intermodulation (3rd Order)	-160 dBc	-160 dBc	-160 dBc	-160 dBc	-160 dBc	-160 dBc
Attenuation (per 100 m) at 20°C (w/o connector)	12.3 dB	17.9 dB	26.3 dB	28.7 dB	33.2 dB	38.5 dB

Typical insertion loss per connector <0.01 dB (0-3 GHz).

Mean Power Rating	250 W @ 2000 MHz @ 40° C 150 W @ 2000 MHz @ 85° C
Impedance	50 Ohm (+/-1)
Velocity of propagation	82%

Length*	Type	Order Number
0.5 m	JMPR/05EEL	
1 m	JMPR/10EEL	
2 m	JMPR/20EEL	
3 m	JMPR/30EEL	
4 m	JMPR/40EEL	
5 m	JMPR/50EEL	
6 m	JMPR/60EEL	
7 m	JMPR/70EEL	
8 m	JMPR/80EEL	
9 m	JMPR/90EEL	
10 m	JMPR/100EEL	

*Standard lengths. Other lengths available on request.

Technical changes reserved.