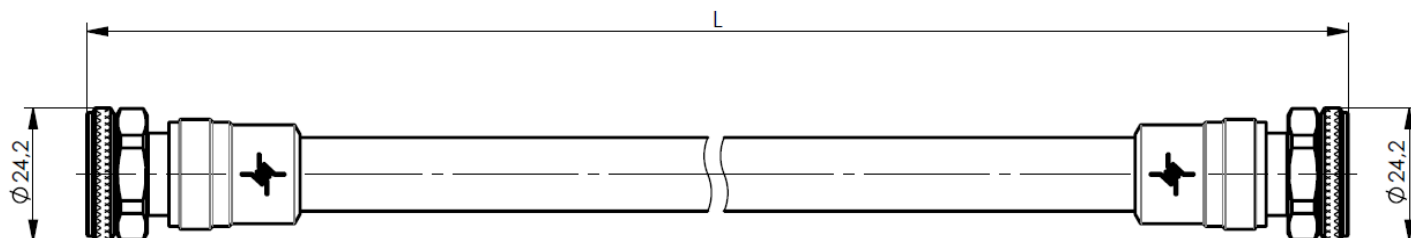


1/2" Flexible Jumper Cables

4.3-10 m Screw to 4.3-10 m Screw Connectors, IP68



General		Mechanical & Climatic Characteristics	
Cable Type	1/2" Superflex Helically Corrugated	Sealing class	IP68 unmated, barrier sealed
Outer Conductor	Copper	Connector Gasket	Silicone
Centre Conductor	Copper-Clad Aluminium	Connector Torque	5 Nm
Dielectric	Foam Polyethylene	Min. Bending Radius single	17 mm
Jacket	Black Polyethylene, Halogen Free	Min. Bending Radius repeated	55 mm
Connector Types	4.3-10 male screw to 4.3-10 male screw	Temperature Range (install.)	-40°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 tested under 25m head of water

Electrical Performance						
	450 MHz	900 MHz	1800 MHz	2100 MHz	2700 MHz	3500 MHz
Typical Return Loss	-32 dB	-32 dB	-30 dB	-30 dB	-28 dB	-26 dB
Typical Intermodulation (3rd Order)	-166 dBc	-166 dBc	-166 dBc	-166 dBc	-166 dBc	-166 dBc
Attenuation (per 100 m) at 20°C (w/o connector)	7.59 dB	10.40 dB	16.00 dB	17.70 dB	21.50 dB	25.10 dB

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

Mean Power Rating	770 W @ 800-1000 MHz 500 W @ 1000-2700 MHz
Impedance	50 Ohm (+/-1)
Velocity of propagation	83%

Length*	Type	Order Number
0.5 m	JMPS/0577K	L00010A1689
1 m	JMPS/1077K	L00010A1690
2 m	JMPS/2077K	L00011A0436
3 m	JMPS/3077K	L00012A0235
4 m	JMPS/4077K	L00013Q0123
5 m	JMPS/5077K	L00013A0313
6 m	JMPS/6077K	L00014Q0146
7 m	JMPS/7077K	L00014Q0147
8 m	JMPS/8077K	L00014Q0148
9 m	JMPS/9077K	L00015Q0098
10 m	JMPS/10077K	L00015Q0099

*Standard lengths. Other lengths available on request.

Technical changes reserved.