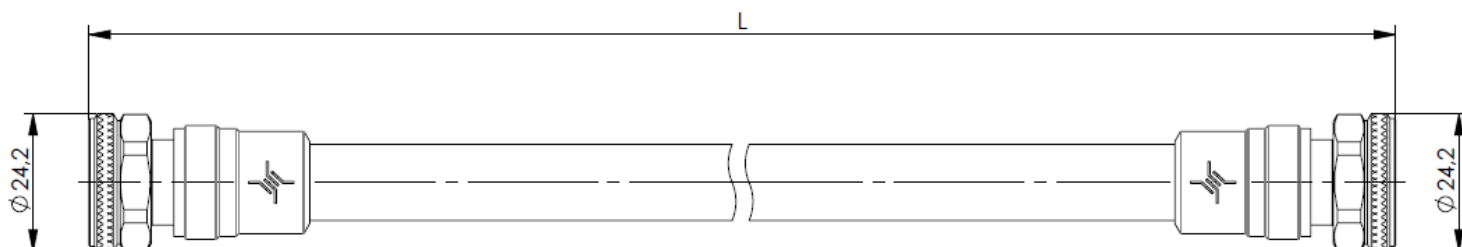


# 1/2" Flexible Jumper Cables

## 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	30 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	Old Order Number	New Order Number
0.5 m	JMPS/0577K	L00010A1689	100009617
1 m	JMPS/1077K	L00010A1690	100009618
2 m	JMPS/2077K	L00011A0436	100009932
3 m	JMPS/3077K	L00012A0235	100010143
4 m	JMPS/4077K	L00013Q0123	100010381
5 m	JMPS/5077K	L00013A0313	100010294
6 m	JMPS/6077K	L00014Q0146	100010492
7 m	JMPS/7077K	L00014Q0147	100035792
8 m	JMPS/8077K	L00014Q0148	100010493
9 m	JMPS/9077K	L00015Q0098	100035793
10 m	JMPS/10077K	L00015Q0099	100010556

\*Standard lengths. Other lengths available on request.

Technical changes reserved.