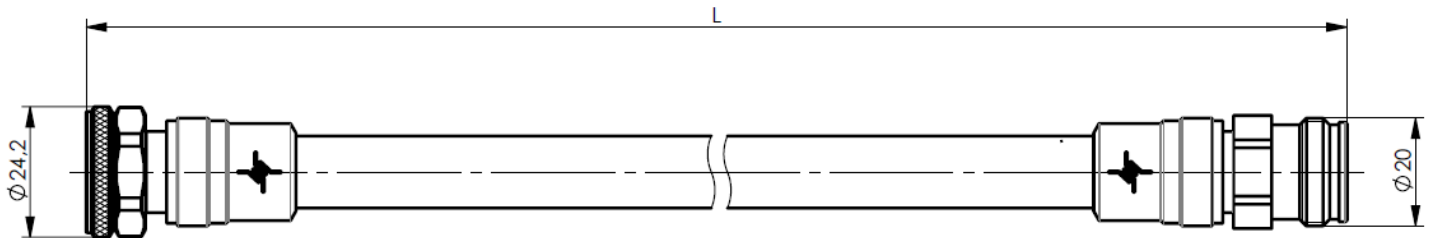


1/2" Flexible Jumper Cables

4.3-10 m Screw to 4.3-10 f 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 female	Temperature Range (install.)	-40°C to +60°C
Outer Contact	Brass (m), Cu-Alloy (f), Silver Plated	Temperature Range (op.)	-40°C to +85°C
Centre Contact	Brass (m), Cu-Alloy (f), 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
Typical Return Loss	-32 dB	-32 dB	-30 dB	-30 dB	-28 dB
Typical Intermodulation (3rd Order)	-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

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/0578K	L00010A1691
1 m	JMPS/1078K	L00010A1692
2 m	JMPS/2078K	L00011A0437
3 m	JMPS/3078K	L00012A0236
4 m	JMPS/4078K	L00013Q0128
5 m	JMPS/5078K	L00013A0314
6 m	JMPS/6078K	L00014Q0152
7 m	JMPS/7078K	L00014Q0153
8 m	JMPS/8078K	L00014Q0154
9 m	JMPS/9078K	L00015Q0102
10 m	JMPS/10078K	L00015Q0103

*Standard lengths. Other lengths available on request.

Technical changes reserved.