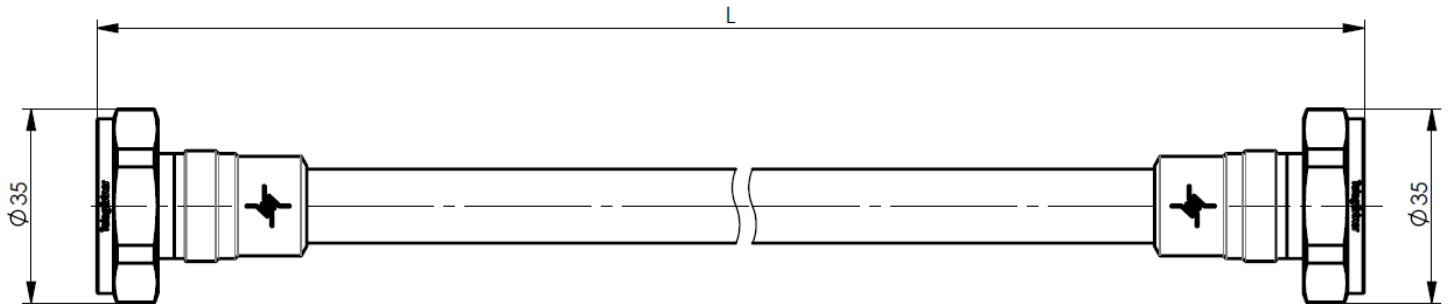


# 1/2" Flexible Jumper Cables

7-16 m to 7-16 m 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	25-35 Nm
Dielectric	Foam Polyethylene	Min. Bending Radius single	17 mm
Jacket	Black Polyethylene, Halogen Free	Min. Bending Radius repeated	55 mm
Connector Types	7-16 male to 7-16 male	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, Nickel 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)	-165 dBc	-165 dBc	-165 dBc	-165 dBc	-165 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/0500K	L00010D0552
1 m	JMPS/1000K	L00010D0553
2 m	JMPS/2000K	L00011D0185
3 m	JMPS/3000K	L00012D0064
4 m	JMPS/4000K	L00013D0058
5 m	JMPS/5000K	L00013D0059
6 m	JMPS/6000K	L00014A0113
7 m	JMPS/7000K	L00014A0116
8 m	JMPS/8000K	L00014A0104
9 m	JMPS/9000K	L00015A0091
10 m	JMPS/10000K	L00015A0086

\*Standard lengths. Other lengths available on request.

Technical changes reserved.