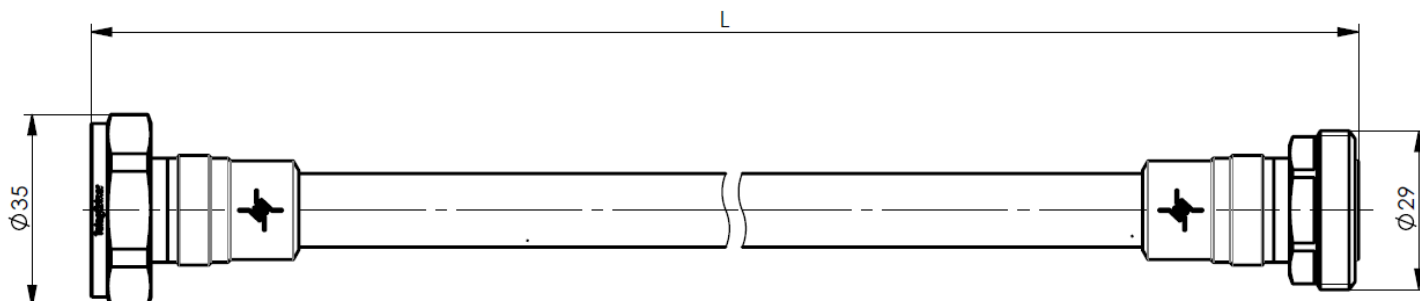


# 1/2" Flexible Jumper Cables

## 7-16 m to 7-16 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	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 female	Temperature Range (install.)	-40°C to +60°C
Outer Contact	Brass, Silver Plated	Temperature Range (op.)	-40°C to +85°C
Centre Contact	Brass (m), CuBe (f), Silver Plated	Relative Humidity	0-100%
Coupling Nut	Brass Hex Nut, Nickel Plated (m)	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/0501K	L00010D0550
1 m	JMPS/1001K	L00010D0551
2 m	JMPS/2001K	L00011D0183
3 m	JMPS/3001K	L00012D0062
4 m	JMPS/4001K	L00013D0056
5 m	JMPS/5001K	L00013D0057
6 m	JMPS/6001K	L00014A0114
7 m	JMPS/7001K	L00014Q0000
8 m	JMPS/8001K	L00014Q0001
9 m	JMPS/9001K	L00015Q0002
10 m	JMPS/10001K	L00015Q0003

\*Standard lengths. Other lengths available on request.

Technical changes reserved.