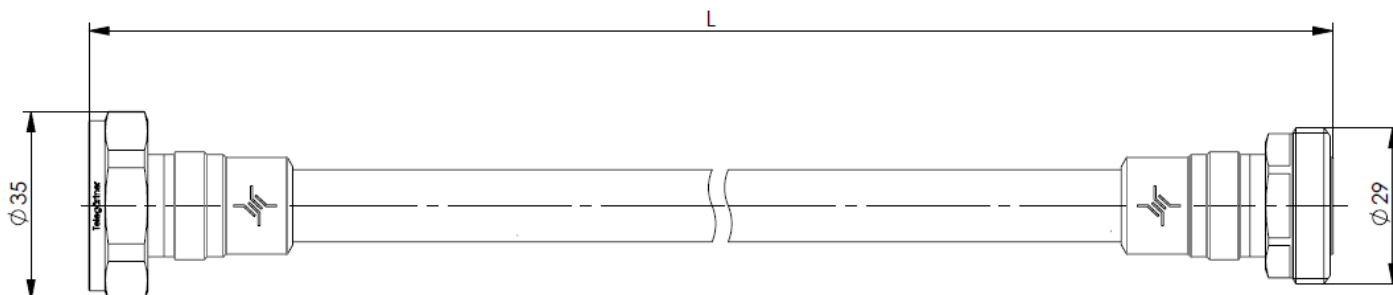


1/2" Flexible Jumper Cables

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	30 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	Old Order Number	New Order Number
0.5 m	JMPS/0501K	L00010D0550	100009797
1 m	JMPS/1001K	L00010D0551	100009798
2 m	JMPS/2001K	L00011D0183	100010034
3 m	JMPS/3001K	L00012D0062	100010193
4 m	JMPS/4001K	L00013D0056	100010358
5 m	JMPS/5001K	L00013D0057	100010359
6 m	JMPS/6001K	L00014A0114	100010442
7 m	JMPS/7001K	L00014Q0000	100037061
8 m	JMPS/8001K	L00014Q0001	100037062
9 m	JMPS/9001K	L00015Q0002	100040312
10 m	JMPS/10001K	L00015Q0003	100037063

*Standard lengths. Other lengths available on request.

Technical changes reserved.