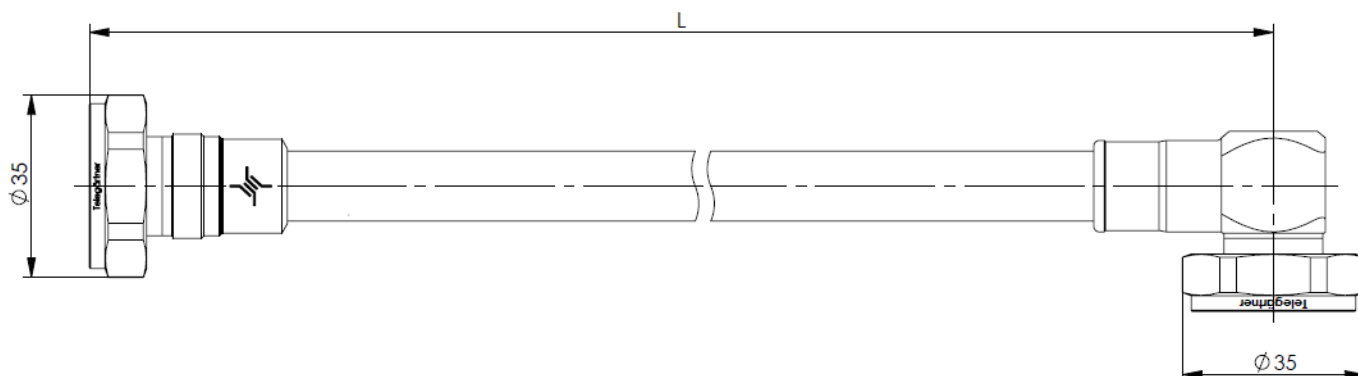


1/2" Flexible Jumper Cables

7-16 m to 7-16 m90° 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 male 90° elbow	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	Old Order Number	New Order Number
0.5 m	JMPS/0502K	L00010D0565	100009802
1 m	JMPS/1002K	L00010D0566	100009803
2 m	JMPS/2002K	L00011D0187	100010038
3 m	JMPS/3002K	L00012D0066	100010197
4 m	JMPS/4002K	L00013A0353	100010326
5 m	JMPS/5002K	L00013D0062	100010363
6 m	JMPS/6002K	L00014A0115	100010443
7 m	JMPS/7002K	L00014A0117	100010445
8 m	JMPS/8002K	L00014A0119	100010447
9 m	JMPS/9002K	L00015A0093	100010536
10 m	JMPS/10002K	L00015A0087	100010532

*Standard lengths. Other lengths available on request.

Technical changes reserved.