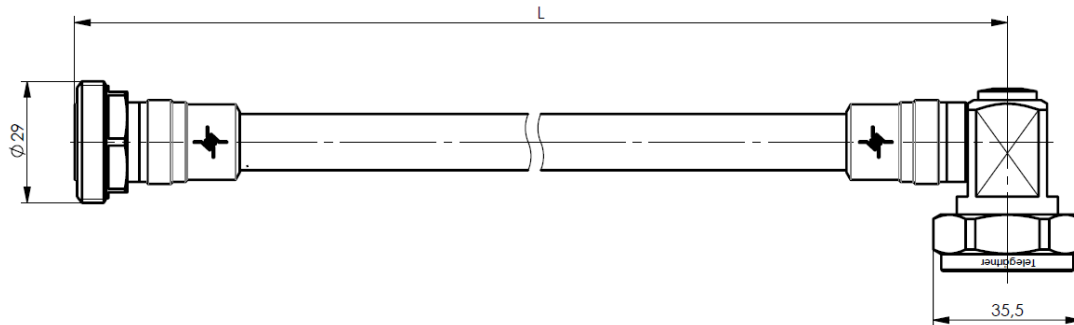


# 1/2" Flexible Jumper Cables

7-16 f 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	17 mm
Jacket	Black Polyethylene, Halogen Free	Min. Bending Radius repeated	55 mm
Connector Types	7-16 female 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	CuBe (f), Brass (m), 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/0512K	L00010D0567
1 m	JMPS/1012K	L00010D0568
2 m	JMPS/2012K	L00011D0189
3 m	JMPS/3012K	L00012D0068
4 m	JMPS/4012K	L00013D0063
5 m	JMPS/5012K	L00013D0064
6 m	JMPS/6012K	L00014Q0029
7 m	JMPS/7012K	L00014Q0030
8 m	JMPS/8012K	L00014Q0031
9 m	JMPS/9012K	L00015Q0020
10 m	JMPS/10012K	L00015Q0021

\*Standard lengths. Other lengths available on request.

Technical changes reserved.