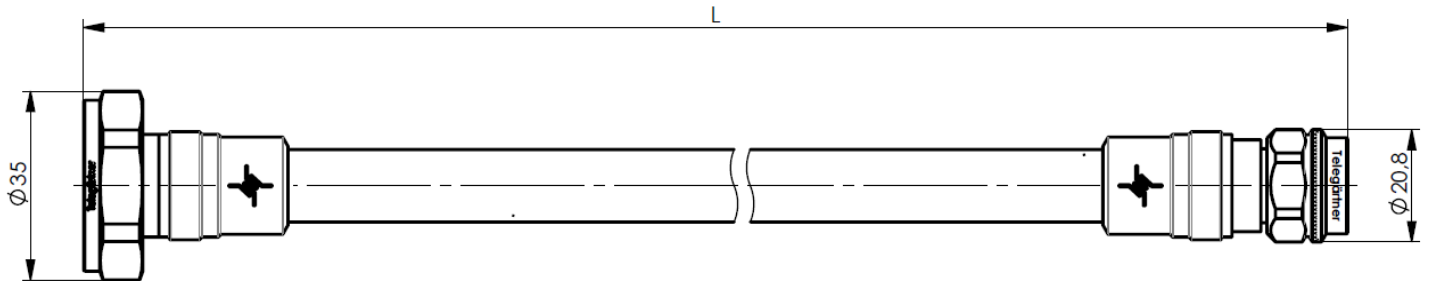


1/2" Flexible Jumper Cables

7-16 m to N 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	7-16: 25-35 Nm; N: 4-6 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 N 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	7-16: Brass Hex Nut, Nickel Plated N: Brass Hex Nut, Telealloy 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)	-161 dBc	-161 dBc	-161 dBc	-161 dBc	-161 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	600 W @ 800-1000 MHz 350 W @ 1000-2700 MHz
Impedance	50 Ohm (+/-1)
Velocity of propagation	83%

Length*	Type	Order Number
0.5 m	JMPS/0504K	L00010A1685
1 m	JMPS/1004K	L00010A1686
2 m	JMPS/2004K	L00011A0420
3 m	JMPS/3004K	L00012A0131
4 m	JMPS/4004K	L00013A0259
5 m	JMPS/5004K	L00013A0268
6 m	JMPS/6004K	L00014Q0005
7 m	JMPS/7004K	L00014Q0006
8 m	JMPS/8004K	L00014Q0007
9 m	JMPS/9004K	L00015Q0004
10 m	JMPS/10004K	L00015Q0005

*Standard lengths. Other lengths available on request.

Technical changes reserved.