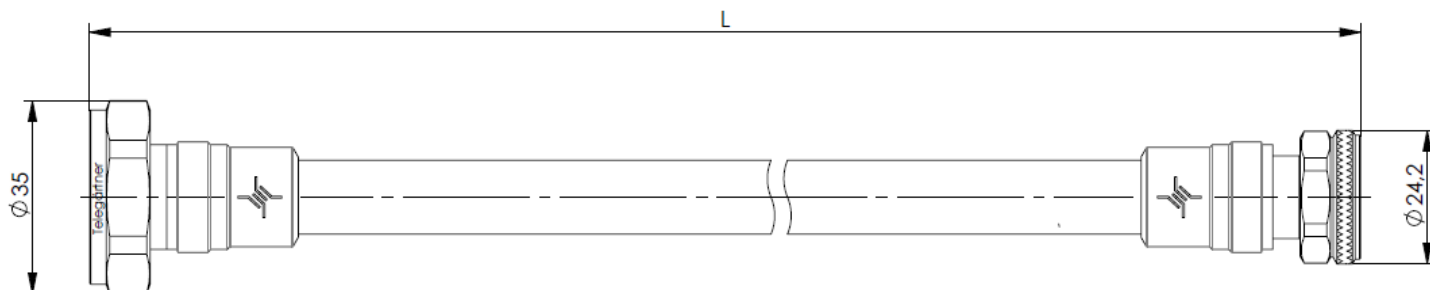


# 1/2" Flexible Jumper Cables

## 7-16 m to 4.3-10 m Screw 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; 4.3-10: 5 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 4.3-10 male screw	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 4.3-10: Brass Hex Nut, Tealloy 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	11.20 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/0507K	L00010A1742	100009660
1 m	JMPS/1007K	L00010A1743	100009661
2 m	JMPS/2007K	L00011A0461	100009952
3 m	JMPS/3007K	L00012A0257	100010160
4 m	JMPS/4007K	L00013Q0008	100010371
5 m	JMPS/5007K	L00013A0339	100010315
6 m	JMPS/6007K	L00014Q0014	100010482
7 m	JMPS/7007K	L00014Q0015	100010483
8 m	JMPS/8007K	L00014Q0016	100010484
9 m	JMPS/9007K	L00015Q0010	100010548
10 m	JMPS/10007K	L00015Q0011	100010549

\*Standard lengths. Other lengths available on request.

Technical changes reserved.