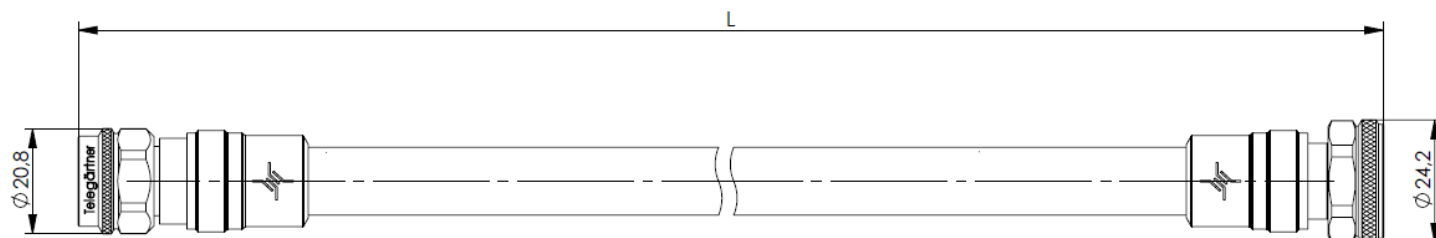


# 1/2" Flexible Jumper Cables

## N 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	N: 4-6 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	N 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	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	3500 MHz
Typical Return Loss	-32 dB	-32 dB	-30 dB	-30 dB	-28 dB	-26 dB
Typical Intermodulation (3rd Order)	-161 dBc	-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	25.10 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	Old Order Number	New Order Number
0.5 m	JMPS/0547K	L00010Q0043	100033725
1 m	JMPS/1047K	L00010Q0044	100009817
2 m	JMPS/2047K	L00011Q0047	100010053
3 m	JMPS/3047K	L00012Q0047	100010219
4 m	JMPS/4047K	L00013Q0069	100010378
5 m	JMPS/5047K	L00013Q0070	100010379
6 m	JMPS/6047K	L00014Q0092	100010488
7 m	JMPS/7047K	L00014Q0093	100037315
8 m	JMPS/8047K	L00014Q0094	100010489
9 m	JMPS/9047K	L00015Q0062	100037316
10 m	JMPS/10047K	L00015Q0063	100010553

\*Standard lengths. Other lengths available on request.

Technical changes reserved.