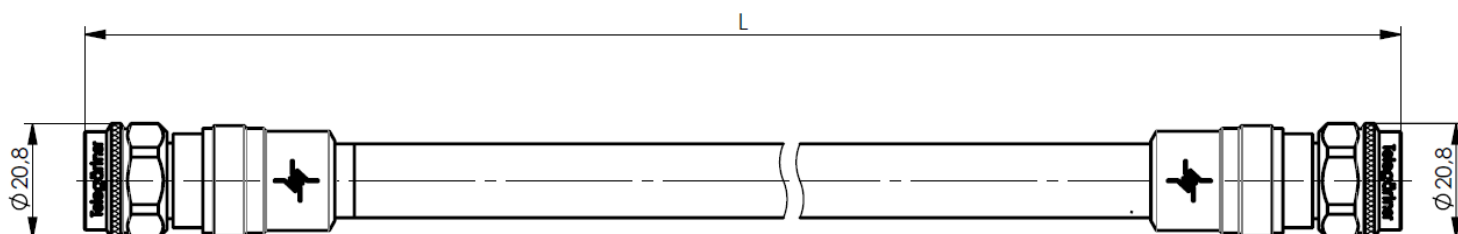


1/2" Flexible Jumper Cables

N 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	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	N 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	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/0544K	L00010A1687
1 m	JMPS/1044K	L00010A1634
2 m	JMPS/2044K	L00011A0252
3 m	JMPS/3044K	L00012A0116
4 m	JMPS/4044K	L00013A0265
5 m	JMPS/5044K	L00013A0352
6 m	JMPS/6044K	L00014Q0083
7 m	JMPS/7044K	L00014Q0084
8 m	JMPS/8044K	L00014Q0085
9 m	JMPS/9044K	L00015Q0056
10 m	JMPS/10044K	L00015Q0057

*Standard lengths. Other lengths available on request.

Technical changes reserved.