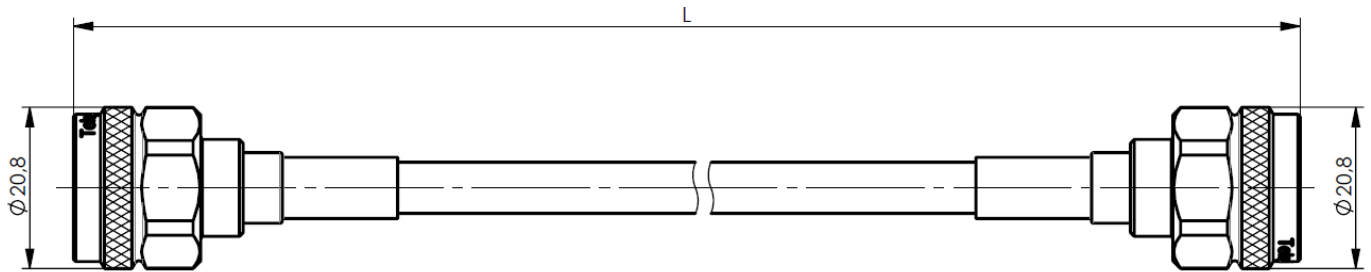


1/4" Flexible Jumper Cables

N m to N m Connectors, IP67



General		Mechanical & Climatic Characteristics	
Cable Type	1/4" Superflex Helically Corrugated	Sealing class	IP67
Outer Conductor	Copper	Connector Gasket	Silicone
Centre Conductor	Copper-Clad Aluminium	Connector Torque	5 Nm
Dielectric	Foam Polyethylene	Min. bending radius single	15 mm
Jacket	FRNC Black Polyethylene, Halogen Free, UV Resistant	Min. bending radius repeated	25 mm
Connector Types	N male to N male	Temperature Range (install.)	-25°C to +60°C
Outer Contact	Brass, Telealloy Plated	Temperature range (op.)	-40°C to +85°C
Centre Contact	Brass, Gold Plated	Relative Humidity	0-100%
Coupling Nut	Brass Hex Nut, Telealloy plated	Water Tightness	IP67

Electrical Performance						
	450 MHz	900 MHz	1800 MHz	2100 MHz	2700 MHz	3800 MHz
Typical Return Loss	-36 dB	-34 dB	-30 dB	-30 dB	-28 dB	-26 dB
Typical Intermodulation (3rd Order)	-165 dBc	-165 dBc	-165 dBc	-165 dBc	-165 dBc	-165 dBc
Attenuation (per 100 m) at 20°C	12.3 dB	17.9 dB	26.3 dB	28.7 dB	33.2 dB	40.3 dB

Typical insertion loss per connector <0.01 dB (0-3 GHz).

Mean Power Rating	350 W @ 800-1000 MHz 200 W @ 1000-2700 MHz
Impedance	50 Ohm (+/-1)
Velocity of propagation	82%

Length*	Type	Order Number
0.5m	JMPR/0544L	L00010Q0134
1m	JMPR/1044L	L00010Q0135
2m	JMPR/2044L	L00011Q0149
3m	JMPR/3044L	L00012Q0149
4m	JMPR/4044L	L00013Q0232
5m	JMPR/5044L	L00013Q0233
6m	JMPR/6044L	L00014Q0266
7m	JMPR/7044L	L00014Q0267
8m	JMPR/8044L	L00014Q0268
9m	JMPR/9044L	L00015Q0178
10m	JMPR/10044L	L00015Q0179

* Standard lengths. Other lengths available on request.