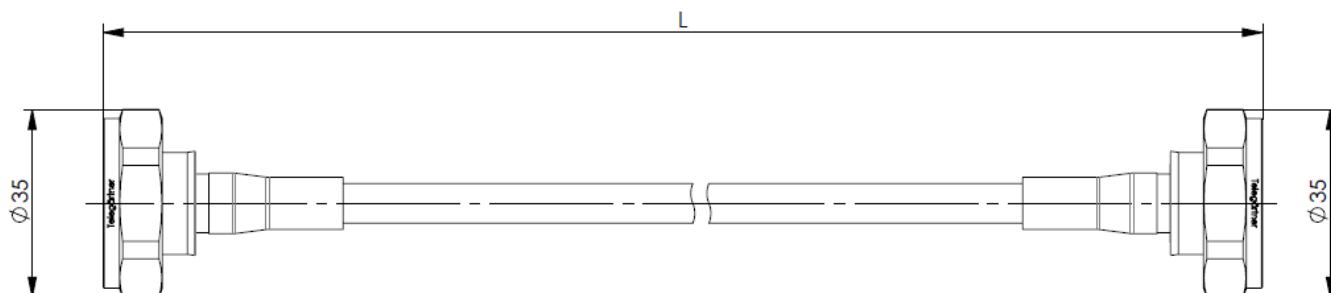


# 1/4" Flexible Jumper Cables

## 7-16 m to 7-16 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	25-35 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	7-16 male to 7-16 male	Temperature Range (install.)	-25°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, Nickel 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)	-155 dBc	-155 dBc	-155 dBc	-155 dBc	-155 dBc	-155 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	Old Order Number	New Order Number
0.5m	JMPR/0500L	L00010A1725	100009643
1m	JMPR/1000L	L00010A1726	100009644
2m	JMPR/2000L	L00011A0454	100009945
3m	JMPR/3000L	L00012A0253	100010156
4m	JMPR/4000L	L00013Q0213	100038761
5m	JMPR/5000L	L00013A0332	100010308
6m	JMPR/6000L	L00014Q0245	100038762
7m	JMPR/7000L	L00014Q0246	100038763
8m	JMPR/8000L	L00014Q0247	100038764
9m	JMPR/9000L	L00015Q0164	100038765
10m	JMPR/10000L	L00015Q0165	100038766

\* Standard lengths. Other lengths available on request.

Technical changes reserved.