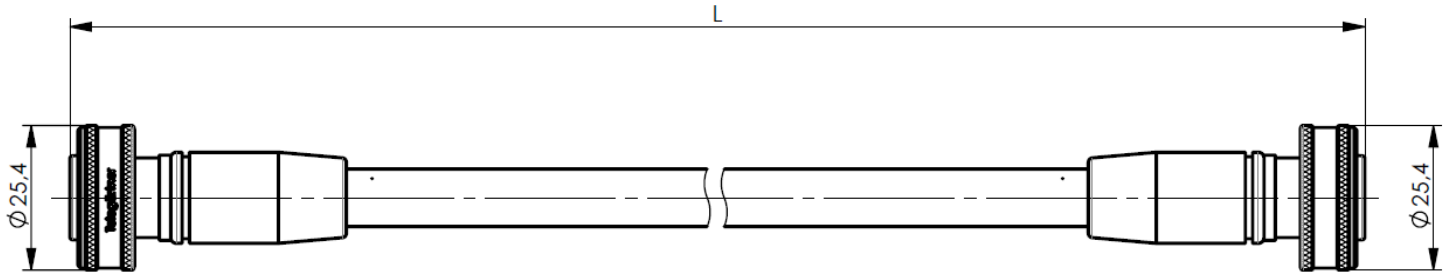


# 3/8" Flexible Jumper Cables

4.3-10 male Push-Pull to 4.3-10 male Push-Pull Connectors, IP67



General		Mechanical & Climatic Characteristics	
Cable Type	3/8" Superflex Helically Corrugated	Sealing class	IP67
Outer Conductor	Copper	Connector Gasket	Silicone
Centre Conductor	Copper-Clad Aluminium	Connector Torque	n/a
Dielectric	Foam Polyethylene	Min. Bending Radius single	12.5 mm
Jacket	FRNC, Halogen Free	Min. Bending Radius repeated	25 mm
Connector Types	4.3-10 male Push-Pull to 4.3-10 male Push-Pull	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	IP67

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)	-165 dBc	-165 dBc	-165 dBc	-165 dBc	-165 dBc	-165 dBc
Attenuation (per 100 m) at 20°C (w/o connector)	8.61 dB	12.60 dB	18.60 dB	20.30 dB	23.60 dB	27.40 dB

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

Mean Power Rating	560 W @ 800-1000 MHz 320 W @ 1000-2700 MHz
Impedance	50 Ohm (+/-1)
Velocity of propagation	82%

Length*	Type	Order Number
0.5 m	JMPR/05BBT	L00010A1719
1 m	JMPR/10BBT	L00010A1720
2 m	JMPR/20BBT	L00011A0451
3 m	JMPR/30BBT	L00012A0250
4 m	JMPR/40BBT	
5 m	JMPR/50BBT	L00013A0329
6 m	JMPR/60BBT	
7 m	JMPR/70BBT	
8 m	JMPR/80BBT	
9 m	JMPR/90BBT	
10 m	JMPR/100BBT	

\*Standard lengths. Other lengths available on request.  
Technical changes reserved.