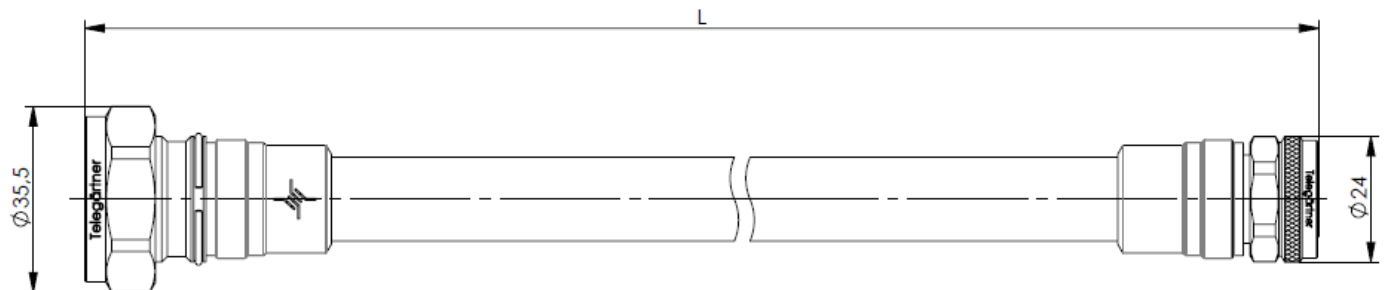


1/2" Low Loss Jumper Cables

7-16 m to 4.3-10 m Screw Connectors, IP68



General		Mechanical & Climatic Characteristics	
Cable Type	1/2" Low Loss Annularly Corrugated	Sealing class	IP68 unmated, barrier sealed
Outer Conductor	Copper	Connector Gasket	Silicone
Centre Conductor	Copper-Clad Aluminium	Connector Torque	7-16: 25-35 Nm; 4.3-10: 5 Nm
Dielectric	Foam Polyethylene	Min. Bending Radius single	70 mm
Jacket	Black Polyethylene, Halogen Free, UV resistant	Min. Bending Radius repeated	120 mm
Connector Types	7-16 male to 4.3-10 male screw	Temperature Range (install.)	-40°C to +60°C
Outer Contact	Brass, Silver Plated	Temperature Range (op.)	-55°C to +85°C
Centre Contact	Brass, Silver Plated	Relative Humidity	0-100%
Coupling Nut	7-16: Brass Hex Nut, Nickel Plated 4.3-10: Brass Hex Nut, Telealloy Plated	Water Tightness	IP68 tested under 25m head of water

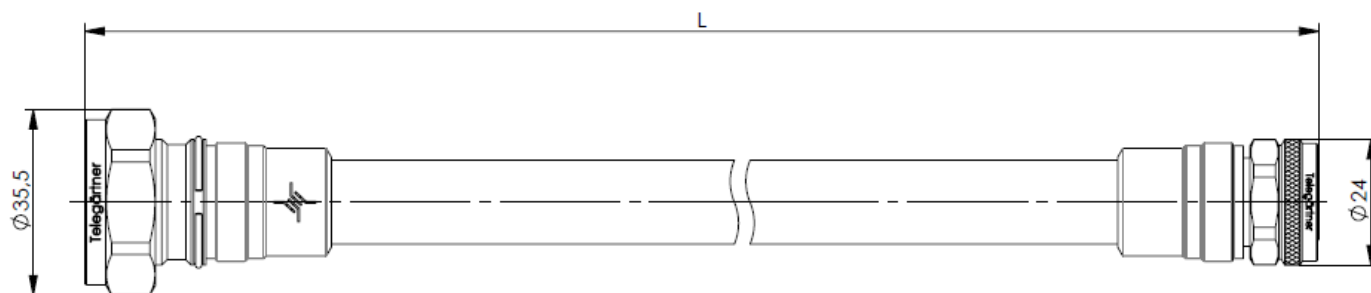
Electrical Performance						
	450 MHz	900 MHz	1800 MHz	2100 MHz	2700 MHz	3500 MHz
Typical Return Loss	-38 dB	-38 dB	-34 dB	-34 dB	-32 dB	-32 dB
Typical Intermodulation (3rd Order)	-165 dBc	-165 dBc	-165 dBc	-165 dBc	-165 dBc	-165 dBc
Attenuation (per 100 m) at 20°C (w/o connector)	4.69 dB	6.79 dB	9.85 dB	10.78 dB	12.32 dB	14.21 dB

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

Mean Power Rating	≤ 500 W @ 2000 MHz
Impedance	50 Ohm (+/-1)
Velocity of propagation	88%

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Length*	Type	Old Order Number	New Order Number
0.5 m	JMPS/0507D	L00010Q0156	100009842
1 m	JMPS/1007D	L00010Q0157	100009843
1.5 m	JMPS/1507D		100036534
2 m	JMPS/2007D	L00011Q0163	100010076
2.5 m	JMPS/2507D		100036535
3 m	JMPS/3007D	L00012Q0161	100010230
3.5 m	JMPS/3507D	L00013Q0270	100036536
4 m	JMPS/4007D		100036538
4.5 m	JMPS/4507D		100036539
5 m	JMPS/5007D	L00013Q0246	100010395
6 m	JMPS/6007D	L00014Q0290	100036540
7 m	JMPS/7007D	L00014Q0291	100036541
8 m	JMPS/8007D	L00014Q0292	100010508
9 m	JMPS/9007D	L00015Q0195	100036542
10 m	JMPS/10007D	L00015Q0196	100036543

*Standard lengths. Other lengths available on request.

Technical changes reserved.