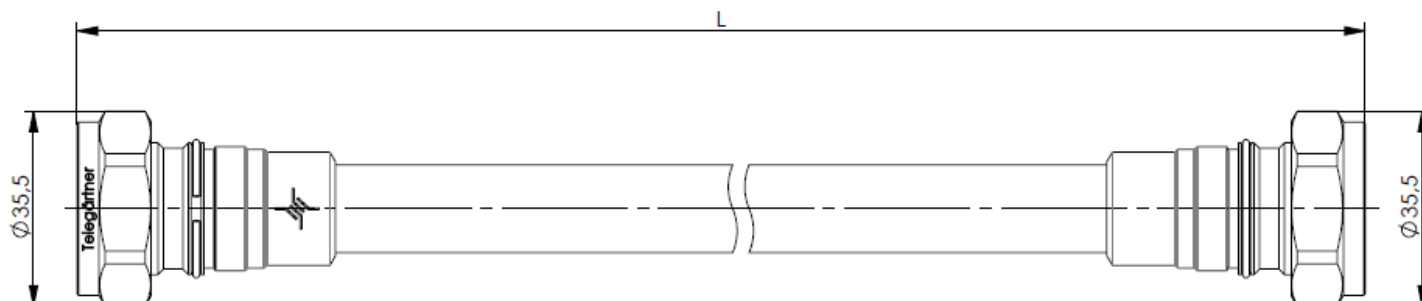


1/2" Low Loss Jumper Cables

7-16 m to 7-16 m 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	25-35 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 7-16 male	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	Brass Hex Nut, Nickel Plated	Water Tightness	IP68 tested under 25m head of water

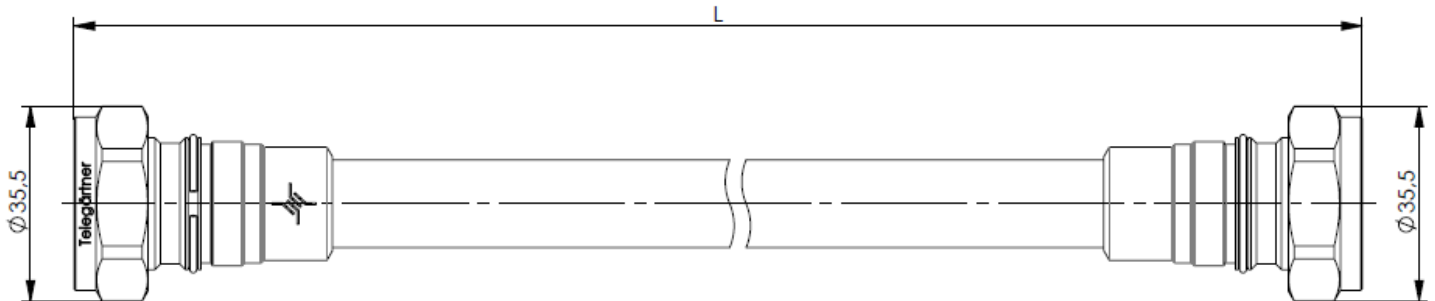
Electrical Performance						
	450 MHz	900 MHz	1800 MHz	2100 MHz	2700 MHz	3500 MHz
Typical Return Loss	-38 dB	-38 dB	-34 dB	-34 dB	-32 dB	-32 dB
Typical Intermodulation (3rd Order)	-165 dBc	-165 dBc	-165 dBc	-165 dBc	-165 dBc	-165 dBc
Attenuation (per 100 m) at 20°C (w/o connector)	4.69 dB	6.79 dB	9.85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

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

Mean Power Rating	770 W @ 800-1000 MHz 500 W @ 1000-2700 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/0500D	L00010A3552	100009753
1 m	JMPS/1000D	L00010A3553	100009754
1.5 m	JMPS/1500D	L00011A3184	100036478
2 m	JMPS/2000D	L00011A3185	100010014
2.5 m	JMPS/2500D	L00012A3063	100036479
3 m	JMPS/3000D	L00012A3064	100036480
3.5 m	JMPS/3500D	L00013Q0162	100036481
4 m	JMPS/4000D	L00013Q0163	100010384
4.5 m	JMPS/4500D	L00013Q0164	100036482
5 m	JMPS/5000D	L00013A0320	100010299
6 m	JMPS/6000D	L00014Q0191	100036483
7 m	JMPS/7000D	L00014Q0192	100036484
8 m	JMPS/8000D	L00014Q0193	100036485
9 m	JMPS/9000D	L00015Q0128	100010559
10 m	JMPS/10000D	L00015Q0129	100010560

*Standard lengths. Other lengths available on request.

Technical changes reserved.