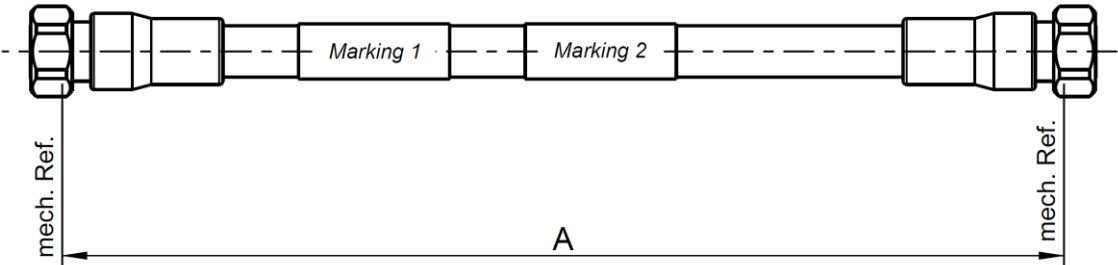


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Technical Data Sheet		Rosenberger
½" JUMPER	4.3-10 MALE / 4.3-10 MALE	LC08-545-XXX
		
Function Description		
This part is a coaxial cable assembly for telecommunication equipment. It consists of ½" super flexible coaxial cable with PE jacket and two 4.3-10 male connectors. The assembly is waterproof in mated condition and UV protected.		
Assembly Parts		
Connector	4.3-10 male (screw-type) connectors plated with white bronze	
Cable	S-Link ½"S, PE jacket	
Marking 1	Direct print onto the cable or on wrapping label Marking includes manufacturer, part nr. & batch no.	
Marking 2	Direct print onto the cable or on wrapping label Marking includes "Rosenberger factory made" Position in the middle of the cable	
Bend Protection	molding material TPE compound	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de		Tel. : +49 8684 18-0 Email : info@rosenberger.de Page 1 / 2

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Technical Data Sheet				Rosenberger			
1/2" JUMPER		4.3-10 MALE / 4.3-10 MALE		LC08-545-XXX			
Electrical Data Impedance Frequency Return loss DC – 1 GHz 1 – 3.4 GHz 3.4 – 6 GHz Insertion loss typ. DC – 1 GHz 1 – 2.2 GHz 2.2 – 2.7 GHz 2.7 – 3.4 GHz 3.4 – 6 GHz Intermodulation (3rd order @ 2 x 20 W) Relative Velocity of Propagation DC breakdown voltage 50 Ω DC to 6.0 GHz ≥ 26 dB ≥ 24 dB ≥ 21 dB ≤ 0.12 dB/m (cable) + 0.01 dB * √f (GHz) ≤ 0.18 dB/m (cable) + 0.01 dB * √f (GHz) ≤ 0.20 dB/m (cable) + 0.01 dB * √f (GHz) ≤ 0.22 dB/m (cable) + 0.01 dB * √f (GHz) ≤ 0.30 dB/m (cable) + 0.01 dB * √f (GHz) max. ≤ -117 dBm 83 % 2500 V							
Mechanical Data Coupling torque (recommended) Spanner flat on coupling nut Cable diameter, jacket Tensile strength Recommended hanger spacing Minimum bend radius single Minimum bend radius repeated *Bending starts behind connector incl. the kink protection 5 to 8 Nm 22 mm 13.5 mm typ. 700 N 0.8 m 25 mm* 35 mm*							
Environmental Data Operation temperature range Installation temperature range Degree of protection RoHS -40 °C to +80 °C -25 °C to +60 °C IEC 60529, IP68 1 bar for 1 h (mated) compliant							
While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
F. Fraunhofer	15.11.17	F. Fraunhofer	20.02.2019	a00	19-s064	B. Wollitzer	20.02.2019
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Email : info@rosenberger.de			Page 2 / 2