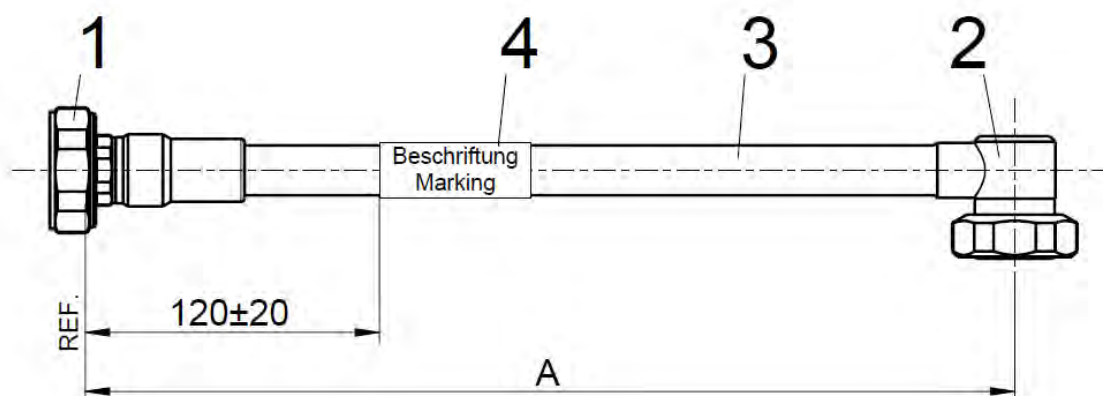


½" JUMPER

7-16 MALE / 7-16 R/A MALE

SLJ12SP-60M60R-X-00



Function Description

This part is a coaxial cable assembly for telecommunication equipment. It consists of ½" super flexible coaxial cable with PE jacket, one 7/16 male and one 7/16 r/a male connector. The assembly is waterproof in mated condition and UV protected.

Available Variants

The assembly is available in lengths from 0.5 m to 10 m in intervals of 0.5 m. Different feet length are available on request.

Assembly Parts

Connector	7-16 male & r/a male connector plated with white bronze
Cable	S-Link ½"S, PE jacket
Marking	Direct print 2x onto the cable or one wrapping label Marking includes manufacturer, part nr. & batch no.
Bend Protection	molding material PE compound

Electrical Data

Impedance	50 Ω
Frequency	DC to 2.7 GHz
Return loss	length ≤ 5 m length > 5 m
DC – 1 GHz	≥ 32 dB ≥ 30 dB
1 – 2.2 GHz	≥ 30 dB ≥ 28 dB
2.2 – 2.7 GHz	≥ 28 dB ≥ 26 dB
Insertion loss typ.	
DC – 1 GHz	≤ 0.12 dB/m (cable) + 0.05 dB * √f (GHz)
1 – 2.2 GHz	≤ 0.18 dB/m (cable) + 0.05 dB * √f (GHz)
2.2 – 2.7 GHz	≤ 0.20 dB/m (cable) + 0.05 dB * √f (GHz)
Intermodulation (3rd order)	≤ -117 dBm @ 2 x 20 W
Relative Velocity of Propagation	83 %
DC breakdown voltage	2500 V

Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

1/2" JUMPER

7-16 MALE / 7-16 R/A MALE

SLJ12SP-60M60R-X-00

Mechanical Data

Coupling torque (recommended)	25 to 30 Nm
Spanner flat on coupling nut	32 mm
Cable diameter, jacket	13.5 mm typ.
Tensile strength	700 N
Recommended hanger spacing	0.8 m
Minimum bend radius single	25 mm*
Minimum bend radius repeated 20(50)	35 mm*
*Bending starts behind connector incl. the kink protection	

Environmental Data

Operation temperature range	-40 °C to +80 °C
Installation temperature range	-25 °C to +60 °C
Degree of protection	IEC 60529, IP68 1 bar for 1 h (mated)
RoHS	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
M. Wimmer	20.12.2013	J. Peteranderl	20.12.2013	100	13-1281	F. Oellerer	20.12.2013
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