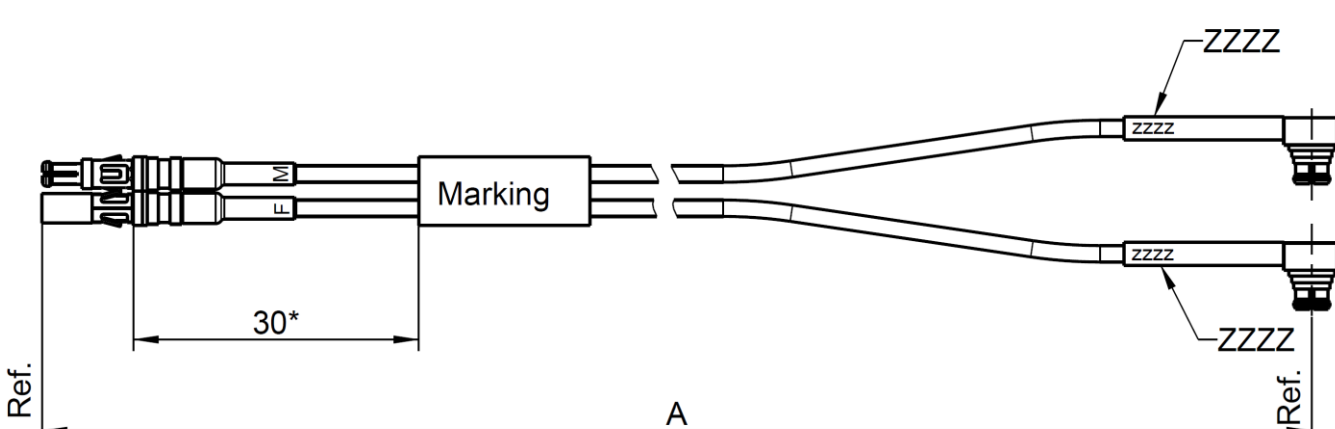


Technical Data Sheet		Rosenberger	
Cable Set Mini Coax Plug / Jack – SMP Jack – RTK 047		L99-A0486-XXX-Y	
 All dimensions are in mm; tolerances: ± 3mm for A ≤ 300 mm; ± 1% for A > 300 mm *) movably			
Available variants			
Type	max. Insertion loss at 26.5 GHz	Marking	Weight (g) / pce
L99-A0486-XXX-Y	≤ 0.0065 dB/mm * A mm + 1.2 dB	ROSENBERGER YYYY-WW L99-A0486-XXX-Y FAC-RRRRRRR	0.011 g/mm * A mm + 1.6 g
XXX – length in mm = A Y – pair matching (non, 2ps) WW – week YYYY – year zzzz – individual serial no. FAC – Factory Code RRRRRRR – lot no. Note: max. Insertion Loss: First constant = Cable attenuation in dB /mm; Second Constant = Connector left and Connector right +needed Adaptor Weight: First constant = Cable- and Armour- weight per mm; Second Constant = Connector left and Connector right weight per pce			
Assembly parts			
Connector left		Mini Coax plug	23S104-270L5
Connector left		Mini Coax jack	23K104-270L5
Connector right		SMP jack, right angle	19K207-270L5
Cable		RTK 047	
Assembly parts			
Assembly instruction		23 MV-A008	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.com		Tel. : +49 8684 18-0 Email : info@rosenberger.com	Page 1 / 2
öffentlich public			

Technical Data Sheet				Rosenberger			
Cable Set Mini Coax Plug / Jack – SMP Jack – RTK 047				L99-A0486-XXX-Y			
Electrical data Impedance Frequency Return loss¹ Insertion loss¹ Phasematched by pairs 50 Ω DC to 26.5 GHz ≥ 16 dB, DC to 20 GHz ≥ 10 dB, 20 GHz to 26.5 GHz see table available variants depending on Part Number non – non matched 2ps – max. 2 ps delay difference Individual testing The S-Parameters (S11, S22, S21, S12) will be tested and the cable pairs are measured fore phase matching.: ¹ Return Loss and Insertion Loss includes the measurement adaptor							
Mechanical data Minimum bend radius: Single Multiple 5.1. mm 10.2 mm							
Housing 2 Channel 4 Channel 6 Channel 8 Channel 23Z121-008 23Z121-007 23Z121-004 23Z121-005							
Tooling Extraction tool 23W100-000							
Environmental data Temperature range RoHS -40°C to +115°C 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. For the installation of the electrotechnical equipment, particular electrotechnical expertise is required. 							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
F. Reiner	19.09.19	F. Reiner	08.03.23	a00	23-s160	J. Rohloff	07.09.23
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