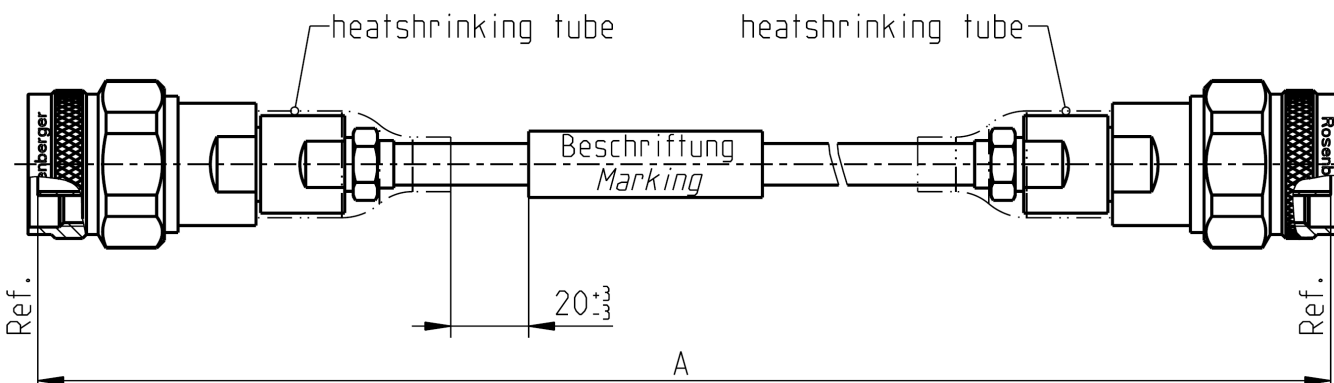


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Technical Data Sheet		Rosenberger	
Cable assembly - Standardportfolio RPC-N Plug / RPC-N Plug – RTK 162		LU7-036-XXX	
			
All dimensions are in mm; tolerances: ± 3mm for A ≤ 300 mm; ± 1% for A > 300 mm			
Available variants			
Type	max. Insertion loss at 18 GHz	Marking	Weight (g) / pce
LU7-036-XXX	≤ 0.00164 dB/mm * A mm + 0.40 dB	ROSENBERGER YYY- LU7-036-XXX FAC-RRRRRRR ssss	0.0656 g/mm * A mm + 97 g
XXX – length in mm = A WW – week YYYY – year ssss – serial no. FAC – Factory Code RRRRRRR – lot nr.			
Assembly parts			
Connector left	RPC-N plug	05S121-2U7S3	
Connector right	RPC-N plug	05S121-2U7S3	
Cable	RTK 162		
Electrical data			
Impedance	50 Ω		
Frequency	DC to 18 GHz		
Return loss ¹	≥ 19 dB, DC to 18 GHz		
Insertion loss ¹	see table available variants		
Shielding Effectiveness	≥ 90 dB		
Individual testing and documentation: Measurement plot with all 4 S-Parameters (S11; S22; S21; S12) is included with the cable assembly and on the backside the care and handling instruction is printed. Measurement adaptors used are mentioned in the commentary field.			
¹ Including measurement adaptor if necessary			
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	
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Technical Data Sheet				Rosenberger			
Cable assembly - Standardportfolio RPC-N Plug / RPC-N Plug – RTK 162				LU7-036-XXX			
Mechanical data Minimum bend radius: Single9.65 mm Multiple50.8 mm Environmental data Temperature range-40°C to +85°C RoHScompliant Packing Standard1 pce in box							
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
Martin Moder	12.09.14	Herbert Babinger	06.10.14	b00	14-s342	Maik Knoll	06.10.14
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