



All dimensions are in mm; tolerances according to ISO 2768 c-H

Available variants

Type	"A" (mm)	"C" (mm)	Insertion loss ≤ (dB) at 18 GHz	Marking	Weight (g) / pce
LU7-307-500	500	20±3	1.20	ROSENBERGER WW/YY XXX LU7-307-500	177
LU7-307-1000	1000	20±3	2.10	ROSENBERGER WW/YY XXX LU7-307-1000	213
LU7-307-1500	1500	20±3	2.90	ROSENBERGER WW/YY XXX LU7-307-1500	250
LU7-307-2000	2000	20±3	3.70	ROSENBERGER WW/YY XXX LU7-307-2000	286

WW - week
YY - year
XXX – serial no.

Documents

Technical data sheet connectors	RPC-N plug	05S121-2U7S3
	RPC-N plug right angle	05S221-2U7S3
Technical data sheet cable	RTK 162	

Assembly parts

Connector left	RPC-N plug	05S121-2U7S3
Connector right	RPC-N plug right angle	05S221-2U7S3
Cable	RTK 162	

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RF_35/05:10/6.0

Technical Data Sheet**Rosenberger**Cable assembly - Standardportfolio
RPC-N Plug / RPC-N Plug RA – RTK 162**LU7-307-XXX****Electrical data**

Impedance	50 Ω
Frequency	DC to 18 GHz
Return loss	≥ 17 dB, DC to 18 GHz
Insertion loss	see table available variants
RF-leakage	≥ 100 dB up to 1 GHz

Mechanical data

Minimum bend radius:	
Single	9.65 mm
Multiple	50.8 mm

Environmental data

Temperature range	-40°C to +85°C
2002/95/EC (RoHS)	compliant

Packing

Standard	1 pce in box
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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
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