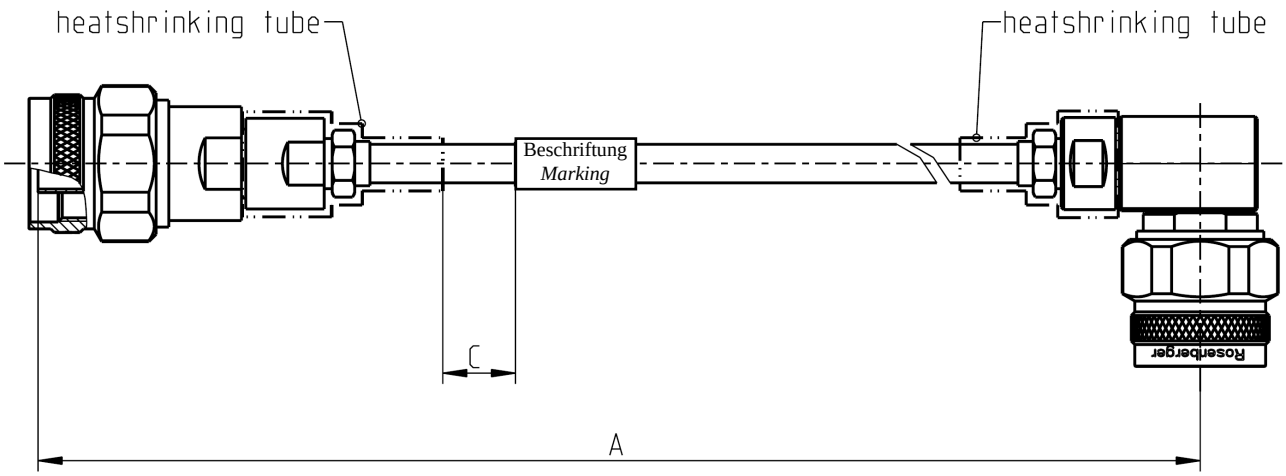
Technical Data Sheet	Rosenberger
Cable assembly - Standardportfolio RPC-N Plug / RPC-N Plug RA – RTK 162	**LU7-307-XXX**



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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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℃ to +85℃
2002/95/EC (RoHS)	compliant

Packing

Standard	1 pce in box

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