



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

Available variants

Type	"A" (mm)	"C" (mm)	Insertion loss ≤ (dB) at 50 GHz	Marking	Weight (g) / pce
LU8-102-500	500	20±3	2.40	ROSENBERGER WW/YY XXX LU8-102-500	106
LU8-102-750	750	20±3	3.40	ROSENBERGER WW/YY XXX LU8-102-750	150
LU8-102-1000	1000	20±3	4.40	ROSENBERGER WW/YY XXX LU8-102-1000	192
LU8-102-1500	1500	20±3	6.40	ROSENBERGER WW/YY XXX LU8-102-1500	280

WW - week
YY - year
XXX – serial no.

Documents

Technical data sheet connectors RPC-2.40 plug 09S128-2U8S3
Technical data sheet cable RTK 125

Assembly parts

Connector left RPC-2.40 plug 09S128-2U8S3
Connector right RPC-2.40 plug 09S128-2U8S3
Cable RTK 125
Armour Polyurethane jacket over braid / stainless steel spiral

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RF_35/05:10/6.0

Technical Data Sheet

Rosenberger

Cable assembly - Standardportfolio
RPC-2.40 Plug / RPC-2.40 Plug – RTK 125

LU8-102-XXX

Electrical data

Impedance	50 Ω
Frequency	DC to 50 GHz
Return loss	≥ 16.5 dB, DC to 50 GHz
Insertion loss	see table available variants
RF-leakage	≥ 100 dB up to 1 GHz

Mechanical data

Minimum bend radius:	
Single	12.7 mm
Multiple	16 mm

Environmental data

Temperature range	-40°C to +80°C
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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