



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
Technical data sheet cable

RPC-2.40 plug
RTK 125

09S128-2U8S3

Assembly parts

Connector left
Connector right
Cable
Armour

RPC-2.40 plug
RPC-2.40 plug
RTK 125

09S128-2U8S3
09S128-2U8S3

Polyurethane jacket over braid / stainless steel spiral

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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					