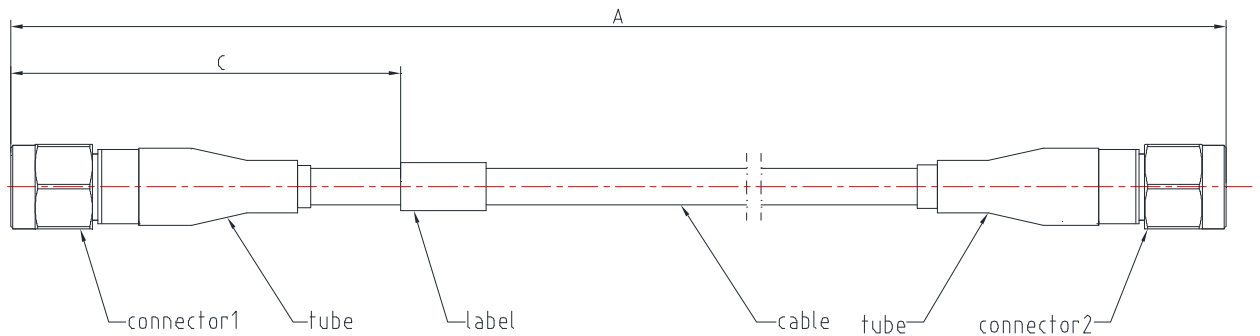


Technical Data Sheet

Rosenberger

CABLE ASSEMBLY
RPC-2.4 MALE / RPC-2.4 MALE

LU8-C113-XXX



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

Parts

Connector 1	RPC-2.4 male	R09S141-2U8S3
Connector 2	RPC-2.4 male	R09S141-2U8S3
Cable	RTK 125-YB(or equivalent type)	
Tube	Shrinking tube	
Label	Label Stick	
Armor	NA	

Available Variants Weight

Part Number	Customer Number	Length A[mm]	C[mm]	Insertion Loss $\leq$ (dB) DC-50GHz	Weight [Gram]
LU8-C113-300	NA	300 $\pm$ 10	100 $\pm$ 10	1.5	TBD
LU8-C113-500	NA	500 $\pm$ 10	100 $\pm$ 10	2.4	TBD
LU8-C113-1000	NA	1000 $\pm$ 10	100 $\pm$ 10	4.4	TBD
LU8-C113-1500	NA	1500 $\pm$ 15	100 $\pm$ 10	6.4	TBD
LU8-C113-2000	NA	2000 $\pm$ 20	100 $\pm$ 10	8.4	TBD

Nominal values @20°C ambient temperature

Electrical data

Impedance	50 Ω
Frequency	DC-50GHz
VSWR	≤ 1.45 to DC-50 GHz
Delay matched	$\leq \pm 2ps$ @30GHz(2pcs in one group)
Insertion loss	see table available variants

Mechanical data

Minimum bending radius	16mm
Cable Diameter	3.18mm

Environmental data

Temperature range(Operation)	-40 °C to 125 °C
RoHS	compliant

Draft	Date	Checker	Approved	Date	Rev.	Engineering change number	Name	Date
Shanhuidong	03/04/20	QIAO	XBH	21/09/20	a 1	NA	Shanhuidong	21/09/20

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