



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
LU7-145-500	500	20±3	1.10	ROSENBERGER WW/YY XXX LU7-145-500	132
LU7-145-1000	1000	20±3	2.00	ROSENBERGER WW/YY XXX LU7-145-1000	250
LU7-145-1500	1500	20±3	2.80	ROSENBERGER WW/YY XXX LU7-145-1500	370
LU7-145-2000	2000	20±3	3.60	ROSENBERGER WW/YY XXX LU7-145-2000	488

WW - week
YY - year
XXX – serial no.

Documents

Technical data sheet connectors SMA plug 32S122-2U7S3
Technical data sheet cable RTK 162

Assembly parts

Connector left SMA plug 32S122-2U7S3
Connector right SMA plug 32S122-2U7S3
Cable RTK 162
Armour Polyurethane jacket over braid / stainless steel spiral

Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG

RF_35/05:10/6.0

Technical Data Sheet

Rosenberger

Cable assembly - Standardportfolio
SMA Plug / SMA Plug – RTK 162

LU7-145-XXX

Electrical data

Impedance	50 Ω
Frequency	DC to 18 GHz
Return loss	≥ 19 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	25.5 mm
Multiple	50.8 mm
Crush resistance	80N/mm

Environmental data

Temperature range	-40°C to +80°C
RoHS	compliant

Packing

Standard	1 pce in box
----------	--------------

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
Martin Moder	03/02/12	Roland Neuhauser	02/07/13	b00	13-s245	Thomas Leitner	02/07/13
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Fax : +49 8684 18-499 Email : info@rosenberger.de			Page 2 / 2