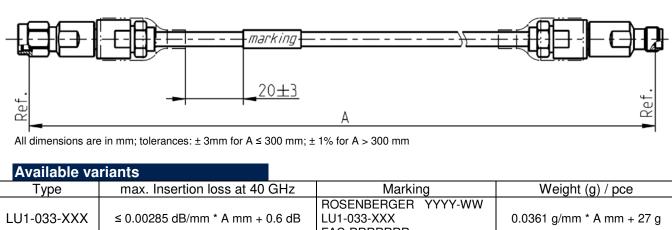
# **Technical Data Sheet**

# Rosenberger

### Cable assembly RPC-2.92 Plug / RPC-2.92 Jack – RTK 106

# LU1-033-XXX



 FAC-RRRRRR
 ssss

 XXX – length in mm = A
 Standard lengths are 500 / 1000 /1500 /2000mm

 WW – week
 YYYY – year

 ssss – serial no.
 FAC – Factory Code

 RRRRRR – lot nr.

Weight: First constant = Cable- and Armour- weight per mm; Second Constant = Connector left and Connector right weight per pce

## Assembly parts

Connector left Connector right Cable RPC-2.92 plug RPC-2.92 jack RTK 106

02S121-2U1S3 02K121-2U1S3

#### **Electrical data**

Impedance Frequency Return loss<sup>1</sup> Insertion loss<sup>1</sup> 50  $\Omega$ DC to 40 GHz  $\geq$  17 dB, DC to 40 GHz see table available variants

Individual testing and documentation:

Measurement plot with all 4 S-Parameters (S11; S22; S21; S12) is included with the cable assembly and on the backside the care and handling instruction is printed. Measurement adaptors used are mentioned in the commentary field.

Return Loss and Insertion Loss includes the measurement adaptor

# Mechanical dataMinimum bend radius:Single6.35 mmMultiple38.4 mmEnvironmental data

Temperature range RoHS -40°C to +85°C compliant

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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Note: max. Insertion Loss: First constant = Cable attenuation in dB /mm; Second Constant = Connector left and Connector right +needed Adaptor