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Technical Data Sheet

Rosenberger

$\begin{array}{c} \textbf{Cable assembly} \\ \textbf{RPC-N 50 } \Omega \text{ plug / jack} - \textbf{RTK 162 - VA Armour} \end{array}$

LU7-138-XXX

Stability data
Insertion loss stability: After 90° bending
Straight after 3x90° bending

 \leq 0.03 dB, DC to 4 GHz \leq 0.05 dB, 4 GHz to 18 GHz

 \leq 0.5°, DC to 4 GHz \leq 2.0°, 4 GHz to 18 GHz

 \leq 1.5°, 4 GHz to 18 GHz

 \leq 0.5°, DC to 4 GHz

Straight after 3x90° bending

Return loss stability: After 90° bending

 \geq 48 dB, DC to 4 GHz \geq 40 dB, 4 GHz to 18 GHz

Individual testing and documentation:

Stability data is tested according to the specification.

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

Mechanical data Minimum bend radius:	60 mm							
Environmental data Operating temperature range ² Rated temperature range of use ³ Storage temperature range RoHS	+20 °C to +26 °C 0 °C to +50 °C -40 °C to +85 °C compliant							
	age temperature range -40 °C to +85 °C IS compliant nperature range over which these specification are valid. s range is underneath and above the operating temperature range, within the cable assembly is fully functional							

Recommended accessories

Wooden case with foam inlay⁴

4 Supports two assemblies, for length 600 mm available only.



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.

VA_CASE-001

Draft	Date	Approved	Date		Rev.	Engineering change number	Name	Date
Herbert Babinger	31.07.07	Roland Neuhauser	14.01.20		d00	20-0086	Roland Neuhauser	14.01.20
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