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Technical Data Sheet

Rosenberger

Cable assembly RPC-3.50 jack / jack – RTK 162 - VA Armour

LU7-043-XXX

Stability data Insertion loss stability:

After 90° bending

 \leq 0.03 dB, DC to 4 GHz \leq 0.05 dB, 4 GHz to 26.5 GHz

 \leq 1.0°, DC to 4 GHz \leq 3.0°, 4 GHz to 26.5 GHz

Straight after 3x90° bending

 \leq 0.5°, DC to 4 GHz \leq 1.5°, 4 GHz to 26.5 GHz

Return loss stability: After 90° bending

 \geq 48 dB, DC to 4 GHz \geq 40 dB, 4 GHz to 26.5 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 range² Rated temperature range of use³ Storage temperature range RoHS +20 °C to +26 °C 0 °C to +50 °C -40 °C to +85 °C compliant

2 Temperature range over which these specification are valid.

3 This range is underneath and above the operating temperature range, within the cable assembly is fully functional and could be used without damage.

Recommended accessories

Wooden case with foam inlay⁴

VA_CASE-001

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.

| Draft | Date | Approved | Date | Date | | Engineering change number | Name | | Date |
|--|----------|------------------|----------|------|----------------------|------------------------------------|------------------|------|----------|
| Martin Moder | 13.02.17 | Roland Neuhauser | 14.01.20 | h00 | | 20-0086 | Roland Neuhauser | | 14.01.20 |
| Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de | | | | | Tel. : +49 8684 18-0 | | | Page | |
| | | | | | Ema | Email : <u>info@rosenberger.de</u> | | | 2/2 |