



Contents

Device	Part number	Quantity
Cable assembly RPC-N 75 Ω plug / RPC-N 75 Ω plug	L20-001-600	2

Assembly parts

Technical data sheet cable assembly:
RPC- N 75 Ω plug / RPC-N 75 Ω plug

L20-001-XXX

Electrical data

Impedance	75 Ω
Frequency	DC to 4 GHz
Return loss ¹	≥ 28 dB, DC to 3 GHz
	≥ 23 dB, 3 to 4 GHz
Insertion loss ¹	≤ 0.70 dB at 4 GHz
Phase deviation:	
After 90° bending	≤ 2.5°, DC to 4 GHz
Straight after 3x90° bending	≤ 1.5°, DC to 4 GHz
Amplitude stability	≤ 0.03 dB, DC to 4 GHz
Return loss stability	≥ 42 dB, DC to 4 GHz

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.

¹ Return Loss and Insertion Loss includes the measurement adaptor

Mechanical data

Minimum bend radius:	50 mm
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Environmental data

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