



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





**Contents**

Device	Part number	Quantity
Cable assembly RPC-2.40 ruggedized jack / RPC-2.92 plug	LU1-034-600	1
Cable assembly RPC-2.40 ruggedized jack / RPC-2.92 jack	LU1-045-600	1

**Documents**

Technical data sheet cable assembly:  
RPC-2.40 ruggedized jack / RPC-2.92 plug  
RPC-2.40 ruggedized jack / RPC-2.92 jack

LU1-034-XXX  
LU1-045-XXX



**Electrical data**

Impedance	50 Ω
Frequency	DC to 40 GHz
Return loss	≥ 26 dB, DC to 4 GHz ≥ 17 dB, 4 GHz to 40 GHz
Insertion loss	≤ 2.31 dB at 40 GHz (LU1-034-600) ≤ 2.61 dB at 40 GHz (LU1-045-600)
Phase deviation:	
After 90° bending	≤ 1.3°, DC to 4 GHz ≤ 6.0°, 4 GHz to 40 GHz
Straight after 3x90° bending	≤ 1.0°, DC to 4 GHz ≤ 4.0°, 4 GHz to 40 GHz
Amplitude stability	≤ 0.03 dB, DC to 4 GHz ≤ 0.08 dB, 4 GHz to 40 GHz
Return loss stability	≥ 45 dB, DC to 4 GHz ≥ 35 dB, 4 GHz to 40 GHz
RF-leakage	≥ 100 dB up to 1 GHz

**Mechanical data**

Minimum bend radius	60 mm
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**Environmental data**

Temperature range	-40°C to +85°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
Herbert Babinger	17/07/06	Frank Tatzel	04/08/17	f00	17-1214	M.Ruf	04/08/17
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany <a href="http://www.rosenberger.de">www.rosenberger.de</a>					Tel.: +49 8684 18-0 Fax: +49 8684 18-499 email: <a href="mailto:info@rosenberger.de">info@rosenberger.de</a>		Page 2 / 2