



All dimensions are in mm; tolerances according to ISO 2768 c

**Parts**

Connector 1	DIN female 60K137-C08N1
Connector 2	DIN right angle male 60S238-C08N1
Cable	1/2" super-flex cable with PE jacket
Bend Protection	Molding
Label	Label Stick

**Available Variants Weight**

Part Number	Customer Number	Length A[mm]	C[mm]	Insertion Loss ≤(dB) at 3.0 GHz	Weight [Gram]
LC08-106-500	N/A	500 ± 5	200 ± 10	0.21	226
LC08-106-1000	N/A	1000 ± 10	200 ± 10	0.32	311
LC08-106-1500	N/A	1500 ± 15	200 ± 10	0.43	397
LC08-106-2000	N/A	2000 ± 20	200 ± 10	0.54	484
LC08-106-3000	N/A	3000 ± 30	200 ± 10	0.76	653
LC08-106-5000	N/A	5000 ± 50	200 ± 10	1.20	995
LC08-106-6000	N/A	6000 ± 60	200 ± 10	1.51	1166

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LC08-106-8000	N/A	8000 ± 80	200 ± 10	1.86	1508
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Nominal values @20°C ambient temperature

**Electrical data**

Impedance	50 Ω
Frequency	DC to 3.0 GHz
Return loss	≤ -28dB DC to 1.0 GHz ≤ -26dB 1.0 to 2.2 GHz ≤ -23dB 2.2 to 3.0 GHz
Insertion loss	See table available variants.
DC breakdown voltage	2500 V rms
Power handling(at 20°C, sea level.VSWR 1.0)	800 W @ 1.0 GHz 500 W @ 2.0 GHz
Intermodulation(3 <sup>rd</sup> Order)	≤ -117 dBm @ 2 × 20 W@910MHz

**Mechanical data**

Minimum bending radius	
single	25 mm
repeated	35 mm
Max. tensile strength	450N

**Environmental data**

Temperature range	-45 ° C to +85 ° C
Degree of protection (mated pair)	IEC 60529, IP68 (20°C, 1m,1.5H)
RoHS	compliant
Notice: The jumper just for indoor application, If for outdoor application, the jumper should be covered with weather proof kits (Mastic tape and electrical tape) at same time.	

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	Checker	Approved	Date	Rev.	Engineering change number	Name	Date
Fuhao	14/01/16	Huangh	Heanya	25/01/16	e1	-----	Fuhao	14/01/16

Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany Tel. : +49 8684 18-0 Fax : +49 8684 18-499 <a href="http://www.rosenberger.de">www.rosenberger.de</a> Email : <a href="mailto:info@rosenberger.de">info@rosenberger.de</a>	Rosenberger Asia Pacific Electronic Co., Ltd., China Tianzhu Airport Industrial Zone, Beijing, China Tel.: +86 10 80481995 Fax: +86 10 80497052 <a href="http://www.rosenbergerap.com">www.rosenbergerap.com</a> Email: <a href="mailto:info@rosenbergerap.com">info@rosenbergerap.com</a>	Page  2 / 2
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