



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

**Parts**

Connector 1	DIN male 60S137-C08N1
Connector 2	N male 53S137-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]
LC08-110-500	N/A	500±5	200±10	0.21	173
LC08-110-1000	N/A	1000±10	200±10	0.32	258
LC08-110-1500	N/A	1500±15	200±10	0.43	344
LC08-110-2000	N/A	2000±20	200±10	0.54	430
LC08-110-2400	N/A	2400±24	200±10	0.64	498
LC08-110-3000	N/A	3000±30	200±10	0.76	600
LC08-110-4000	N/A	4000±40	200±10	0.98	760

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LC08-110-5000	N/A	5000 ± 50	200 ± 10	1.20	942
LC08-110-6000	N/A	6000 ± 60	200 ± 10	1.42	1080
LC08-110-8000	N/A	8000 ± 80	200 ± 10	1.86	1455

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
Zhukun	20/05/13	Huangh	Heanya	25/01/16	e	_____	Fuhao	25/01/16
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