



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

Parts

Connector 1	DIN female	60K137-C08N1
Connector 2	DIN male	60S137-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]
LC08-111-300	N/A	300±5	150±5	0.17	143
LC08-111-500	N/A	500±5	200±10	0.21	178
LC08-111-1000	N/A	1000±10	200±10	0.32	263
LC08-111-1500	N/A	1500±15	200±10	0.43	349
LC08-111-2000	N/A	2000±20	200±10	0.54	435
LC08-111-2500	N/A	2500±25	200±10	0.65	515
LC08-111-3000	N/A	3000±30	200±10	0.76	605

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LC08-111-4000	N/A	4000 ± 40	200 ± 10	0.98	765
LC08-111-5000	N/A	5000 ± 50	200 ± 10	1.20	947
LC08-111-6000	N/A	6000 ± 60	200 ± 10	1.42	1118
LC08-111-7000	N/A	7000 ± 70	200 ± 10	1.64	1278
LC08-111-8000	N/A	8000 ± 80	200 ± 10	1.86	1460

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 rd Order)	≤ -117 dBm @ 2 × 20 W @ 910 MHz

Mechanical data

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

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.

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Fuhao	13/04/16	Huanghuan	Heanyang	08/07/16	f	_____	Fuhao	08/07/16
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