

Non-Catalog Model

Power Splitter/Combiner

LPS-109

2 Way-0°

Important Note

This is a non-catalog model and can be manufactured on specific request.
Pricing and delivery information can be supplied upon request.



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CASE STYLE : BB48

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		10		500	MHz
Isolation	10 - 100 MHz	25	35		dB
	100 - 250 MHz	25	30		dB
	250 - 500 MHz	25	30		dB
Insertion Loss Above 3.0 dB	10 - 100 MHz		0.30	0.50	dB
	100 - 250 MHz		0.40	0.60	dB
	250 - 500 MHz		0.50	1.10	dB
Phase Unbalance	10 - 100 MHz			2.000	deg.
	100 - 250 MHz			3.000	deg.
	250 - 500 MHz			4.000	deg.
Amplitude Unbalance	10 - 100 MHz		0.093	0.150	dB
	100 - 250 MHz		0.098	0.200	dB
	250 - 500 MHz		0.120	0.300	dB
VSWR	SUM Port		0.13		(:1)
	OUT Ports		1.13		(:1)

Notes: Matched power rating: 1 Watt.
Internal load dissipation: 0.125 Watt.

MAXIMUM RATINGS	
Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
SUM PORT	1
PORT 1	4
PORT 2	5
GND EXT	2, 3, 6, 7, 8
CASE GND	2, 3, 6, 7, 8

Functional Diagram

