

Engineering Development Model

Power Splitter/Combiner

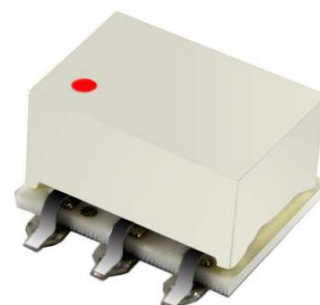
LRPS-ED12965/1

2 Way-0°

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

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CASE STYLE : 99-01-1255

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		5		600	MHz
Isolation	5 - 50 MHz		19		dB
	50 - 300 MHz		26		dB
	300 - 600 MHz		25		dB
Insertion Loss Above 3.0 dB	5 - 50 MHz		0.35		dB
	50 - 300 MHz		0.40		dB
	300 - 600 MHz		0.70		dB
Phase Unbalance	5 - 50 MHz		0.900		deg.
	50 - 300 MHz		0.180		deg.
	300 - 600 MHz		0.261		deg.
Amplitude Unbalance	5 - 50 MHz		0.183		dB
	50 - 300 MHz		0.104		dB
	300 - 600 MHz		0.053		dB
VSWR	SUM Port		1.10		(:1)
	OUT Ports		1.20		(:1)

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
SUM PORT	6
PORT 1	4
PORT 2	3
GND EXT	1
NOT USED	2,5

Functional Diagram

