

Engineering Development Model

Power Splitter/Combiner

2 Way-0°

LRPS-ED12965/2

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		10		650	MHz
Isolation	10 - 100 MHz		24		dB
	100 - 325 MHz		26		dB
	325 - 650 MHz		25		dB
Insertion Loss Above 3.0 dB	10 - 100 MHz		0.30		dB
	100 - 325 MHz		0.30		dB
	325 - 650 MHz		0.60		dB
Phase Unbalance	10 - 100 MHz		0.38		deg.
	100 - 325 MHz		0.20		deg.
	325 - 650 MHz		0.31		deg.
Amplitude Unbalance	10 - 100 MHz		0.15		dB
	100 - 325 MHz		0.09		dB
	325 - 650 MHz		0.09		dB
VSWR	SUM Port		1.06		(:1)
	OUT Ports		1.15		(: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

