

Engineering Development Model

Power Splitter/Combiner

LRPS-ED9779/1

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 : QQQ130

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.4		1000 MHz
Isolation	0.4 - 4 MHz		31	dB
	4 - 500 MHz		33	dB
	500 - 1000 MHz		20	dB
Insertion Loss Above 3.0 dB	0.4 - 4 MHz		0.23	dB
	4 - 500 MHz		0.25	dB
	500 - 1000 MHz		0.72	dB
Phase Unbalance	0.4 - 4 MHz		0.016	deg.
	4 - 500 MHz		0.045	deg.
	500 - 1000 MHz		0.388	deg.
Amplitude Unbalance	0.4 - 4 MHz		0.009	dB
	4 - 500 MHz		0.010	dB
	500 - 1000 MHz		0.135	dB
VSWR	SUM Port		1.07	(:1)
	OUT Ports		1.10	(:1)

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

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

Functional Diagram

