

Engineering Development Model

Power Splitter/Combiner

LRPS-ED3620A/1

3 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		0.2		800 MHz
Isolation	0.2 - 2 MHz		25	dB
	2 - 400 MHz		26	dB
	400 - 800 MHz		23	dB
Insertion Loss Above 4.8 dB	0.2 - 2 MHz		0.70	dB
	2 - 400 MHz		0.60	dB
	400 - 800 MHz		1.10	dB
Phase Unbalance	0.2 - 2 MHz		0.202	deg.
	2 - 400 MHz		0.662	deg.
	400 - 800 MHz		2.947	deg.
Amplitude Unbalance	0.2 - 2 MHz		0.040	dB
	2 - 400 MHz		0.053	dB
	400 - 800 MHz		0.299	dB
VSWR	SUM Port		1.30	(: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	1
PORT 2	3
PORT 3	4
GND EXT	2, 5

Functional Diagram

