

Engineering Development Model

Power Splitter/Combiner

LRPS-ED9782/1

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.



Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : QQQ130

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.04		440 MHz
Isolation	0.04 - 0.4 MHz		19	dB
	0.4 - 220 MHz		31	dB
	220 - 440 MHz		29	dB
Insertion Loss Above 4.8 dB	0.04 - 0.4 MHz		0.73	dB
	0.4 - 220 MHz		0.26	dB
	220 - 440 MHz		1.11	dB
Phase Unbalance	0.04 - 0.4 MHz		3.514	deg.
	0.4 - 220 MHz		0.550	deg.
	220 - 440 MHz		2.023	deg.
Amplitude Unbalance	0.04 - 0.4 MHz		0.694	dB
	0.4 - 220 MHz		0.092	dB
	220 - 440 MHz		0.283	dB
VSWR	SUM Port		1.21	(:1)
	OUT Ports		1.44	(: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

