

Engineering Development Model

Power Splitter/Combiner

JEPS-ED13138/1

8 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.



CASE STYLE : BL372

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

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.5		250	MHz
Isolation	0.5 - 5 MHz		36		dB
	5 - 125 MHz		34		dB
	125 - 250 MHz		33		dB
Insertion Loss Above 9.0 dB	0.5 - 5 MHz		0.30		dB
	5 - 125 MHz		0.70		dB
	125 - 250 MHz		1.20		dB
Phase Unbalance	0.5 - 5 MHz		0.20		deg.
	5 - 125 MHz		0.65		deg.
	125 - 250 MHz		1.70		deg.
Amplitude Unbalance	0.5 - 5 MHz		0.01		dB
	5 - 125 MHz		0.04		dB
	125 - 250 MHz		0.20		dB
VSWR	SUM Port		1.35		(:1)
	OUT Ports		1.25		(:1)

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

PIN CONNECTIONS	
SUM PORT	11
PORT 1	9
PORT 2	8
PORT 3	3
PORT 4	2
PORT 5	23
PORT 6	22
PORT 7	15
PORT 8	14
GROUND	1,4,5,6,7,10,12,13,16,17,18,19,20,21,24

Functional Diagram

