

Engineering Development Model

Power Splitter/Combiner

JCPS-ED8245/1

6 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 : BG291

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		4		1150	MHz
Isolation	4 - 40 MHz		25		dB
	40 - 575 MHz		26		dB
	575 - 1150 MHz		26		dB
Insertion Loss Above 7.8 dB	4 - 40 MHz		0.64		dB
	40 - 575 MHz		0.77		dB
	575 - 1150 MHz		1.62		dB
Phase Unbalance	4 - 40 MHz		0.294		deg.
	40 - 575 MHz		2.881		deg.
	575 - 1150 MHz		8.705		deg.
Amplitude Unbalance	4 - 40 MHz		0.021		dB
	40 - 575 MHz		0.069		dB
	575 - 1150 MHz		0.349		dB
VSWR	SUM Port		1.37		(: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	1
PORT 2	2
PORT 3	3
PORT 4	5
PORT 5	6
PORT 6	7
GND EXT	4,8,9,10,12,13,14

Functional Diagram

