

Engineering Development Model

Power Splitter/Combiner

JCPS-ED7784/1

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		28.46		500 MHz
Isolation	28.46 - 284.6 MHz		29	dB
	250 - 500 MHz		31	dB
Insertion Loss Above 7.8 dB	28.46 - 284.6 MHz		0.98	dB
	250 - 500 MHz		1.11	dB
Phase Unbalance	28.46 - 284.6 MHz		2.333	deg.
	250 - 500 MHz		5.853	deg.
Amplitude Unbalance	28.46 - 284.6 MHz		0.086	dB
	250 - 500 MHz		0.178	dB
VSWR	SUM Port		1.28	(:1)
	OUT Ports		1.15	(: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

