

Engineering Development Model

Power Splitter/Combiner

JS4PS-ED10334/1

4 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 : BJ360

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		10		1150 MHz
Isolation	10 - 100 MHz		20	dB
	100 - 575 MHz		23	dB
	575 - 1150 MHz		25	dB
Insertion Loss Above 6.0 dB	10 - 100 MHz		0.30	dB
	100 - 575 MHz		0.40	dB
	575 - 1150 MHz		0.80	dB
Phase Unbalance	10 - 100 MHz		0.034	deg.
	100 - 575 MHz		0.339	deg.
	575 - 1150 MHz		1.756	deg.
Amplitude Unbalance	10 - 100 MHz		0.004	dB
	100 - 575 MHz		0.034	dB
	575 - 1150 MHz		0.153	dB
VSWR	SUM Port		1.25	(:1)
	OUT Ports		1.20	(:1)

Note: Sum port impedance is 50 ohms. Output port impedance is 75 ohms.

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

PIN CONNECTIONS	
SUM PORT	2
PORT 1	8
PORT 2	7
PORT 3	6
PORT 4	5
GND EXT	1, 3, 4

Functional Diagram

