

Engineering Development Model

Power Splitter/Combiner

JS4PS-ED4443/2

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 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1.34		1143 MHz
Isolation	1.34 - 13.4 MHz		35	dB
	13.4 - 571.5 MHz		38	dB
	571.5 - 1143 MHz		24	dB
Insertion Loss Above 6.0 dB	1.34 - 13.4 MHz		0.73	dB
	13.4 - 571.5 MHz		0.69	dB
	571.5 - 1143 MHz		1.10	dB
Phase Unbalance	1.34 - 13.4 MHz		0.170	deg.
	13.4 - 571.5 MHz		0.401	deg.
	571.5 - 1143 MHz		2.024	deg.
Amplitude Unbalance	1.34 - 13.4 MHz		0.043	dB
	13.4 - 571.5 MHz		0.044	dB
	571.5 - 1143 MHz		0.268	dB
VSWR	SUM Port		1.27	(:1)
	OUT Ports		1.25	(:1)

Note: Denotes 75 Ohm model, for coax connector models 75 Ohm BNC connectors are standard.

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

Functional Diagram



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



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