

Engineering Development Model

Power Splitter/Combiner

JPS-ED8013/1

2 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 : BH292

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.7		770 MHz
Isolation	0.7 - 7 MHz		30	dB
	7 - 385 MHz		36	dB
	385 - 770 MHz		21	dB
Insertion Loss Above 3.0 dB	0.7 - 7 MHz		0.19	dB
	7 - 385 MHz		0.19	dB
	385 - 770 MHz		0.40	dB
Phase Unbalance	0.7 - 7 MHz		0.029	deg.
	7 - 385 MHz		0.099	deg.
	385 - 770 MHz		0.122	deg.
Amplitude Unbalance	0.7 - 7 MHz		0.014	dB
	7 - 385 MHz		0.011	dB
	385 - 770 MHz		0.012	dB
VSWR	SUM Port		1.06	(:1)
	OUT Ports		1.14	(: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

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

Functional Diagram

