

Engineering Development Model

Power Splitter/Combiner

JPS-ED8024/1

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 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		30		1000 MHz
Isolation	30 - 300 MHz		19	dB
	300 - 500 MHz		18	dB
	500 - 1000 MHz		17	dB
Insertion Loss Above 3.0 dB	30 - 300 MHz		0.58	dB
	300 - 500 MHz		0.63	dB
	500 - 1000 MHz		0.76	dB
Phase Unbalance	30 - 300 MHz		0.254	deg.
	300 - 500 MHz		0.504	deg.
	500 - 1000 MHz		1.447	deg.
Amplitude Unbalance	30 - 300 MHz		0.060	dB
	300 - 500 MHz		0.026	dB
	500 - 1000 MHz		0.055	dB
VSWR	SUM Port		2.10	(:1)
	OUT Ports		1.62	(:1)

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	6
NOT USED	2, 5

Functional Diagram

