

Power Splitter/Combiner

JEPS-ED7680

12 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 : BL372

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		10		1000 MHz
Isolation	10 - 100 MHz		32	dB
	100 - 500 MHz		23	dB
	500 - 1000 MHz		21	dB
Insertion Loss Above 10.8 dB	10 - 100 MHz		1.20	dB
	100 - 500 MHz		1.54	dB
	500 - 1000 MHz		2.00	dB
Phase Unbalance	10 - 100 MHz		1.123	deg.
	100 - 500 MHz		2.839	deg.
	500 - 1000 MHz		6.251	deg.
Amplitude Unbalance	10 - 100 MHz		0.142	dB
	100 - 500 MHz		0.278	dB
	500 - 1000 MHz		0.465	dB
VSWR	SUM Port		1.26	(: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	18
PORT 1	2
PORT 2	3
PORT 3	4
PORT 4	5
PORT 5	8
PORT 6	9
PORT 7	10
PORT 8	11
PORT 9	14
PORT 10	15
PORT 11	22
PORT 12	23
GND EXT	1, 6, 7, 12, 13, 16, 17, 19, 20, 21, 24

Functional Diagram

