

Power Splitter/Combiner

JEPS-ED6349/1

16 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 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1		900	MHz
Isolation	1 - 10 MHz		42		dB
	10 - 450 MHz		39		dB
	450 - 900 MHz		32		dB
Insertion Loss Above 12.0 dB	1 - 10 MHz		2.20		dB
	10 - 450 MHz		1.70		dB
	450 - 900 MHz		2.55		dB
Phase Unbalance	1 - 10 MHz		0.883		deg.
	10 - 450 MHz		4.740		deg.
	450 - 900 MHz		16.149		deg.
Amplitude Unbalance	1 - 10 MHz		0.115		dB
	10 - 450 MHz		0.408		dB
	450 - 900 MHz		0.891		dB
VSWR	SUM Port		1.46		(:1)
	OUT Ports		1.35		(: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	18
PORT 1	2
PORT 2	3
PORT 3	4
PORT 4	5
PORT 5	9
PORT 6	10
PORT 7	11
PORT 8	12
PORT 9	13
PORT 10	14
PORT 11	15
PORT 12	16
PORT 13	20
PORT 14	21
PORT 15	22
PORT 16	23
GND EXT	1, 6, 7, 8, 17, 19, 24

Functional Diagram

