

Engineering Development Model

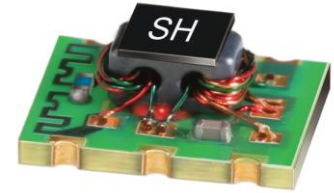
Power Splitter/Combiner

2 Way-0°

CDP-ED14964/1

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 : TT1491-2

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C

Parameter		Min.	Typ.	Max.	Units
Frequency		0.5		1600	MHz
Isolation	0.5-5 MHz		19		dB
	5-800 MHz		27		dB
	800-1500 MHz		21		dB
Insertion Loss Above 3.0 dB	0.5-5 MHz		0.7		dB
	5-800 MHz		0.5		dB
	800-1500 MHz		1.5		dB
Phase Unbalance	0.5-5 MHz		3.0		deg.
	5-800 MHz		1.0		deg.
	800-1500 MHz		1.0		deg.
Amplitude Unbalance	0.5-5 MHz		0.50		dB
	5-800 MHz		0.25		dB
	800-1500 MHz		0.30		dB
VSWR	SUM Port		1.10		(:1)
	OUT Ports		1.20		(:1)

MAXIMUM RATINGS

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

PIN CONNECTIONS

SUM PORT	6
PORT 1	4
PORT 2	3
GND EXT	1
NOT CONNECTED	2,5

Functional Diagram



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IF/RF MICROWAVE COMPONENTS



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