

Engineering Development Model

Power Splitter/Combiner

4 Way-0°

SCPS-ED13920/2

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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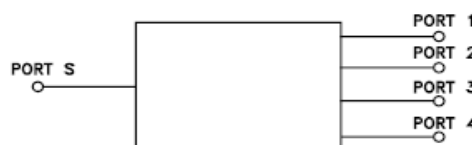
CASE STYLE : HF1485

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1		1500 MHz
Isolation	1-10 MHz		21	dB
	10-750 MHz		25	dB
	750-1500 MHz		21	dB
Insertion Loss Above 6.0 dB	1-10 MHz		0.90	dB
	10-750 MHz		0.80	dB
	750-1500 MHz		1.50	dB
Phase Unbalance	1-10 MHz		0.10	deg.
	10-750 MHz		0.80	deg.
	750-1500 MHz		1.50	deg.
Amplitude Unbalance	1-10 MHz		0.02	dB
	10-750 MHz		0.10	dB
	750-1500 MHz		0.20	dB
VSWR	SUM Port		1.20	(:1)
	OUT Ports		1.30	(:1)

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

PIN CONNECTIONS	
SUM PORT	6
PORT 1	1
PORT 2	3
PORT 3	5
PORT 4	7
GND EXT	2,4,8

Functional Diagram



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5/2/2013
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