

Engineering Development Model

Power Splitter/Combiner

8 Way-0°

SCPA-ED13425/1

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: HU1371

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		5		1000	MHz
Isolation	5-50 MHz		35		dB
	50-500 MHz		25		dB
	500-1000 MHz		20		dB
Insertion Loss Above 9.0 dB	5-50 MHz		0.85		dB
	50-500 MHz		1.00		dB
	500-1000 MHz		1.90		dB
Phase Unbalance	5-50 MHz		0.20		deg.
	50-500 MHz		1.06		deg.
	500-1000 MHz		4.85		deg.
Amplitude Unbalance	5-50 MHz		0.10		dB
	50-500 MHz		0.20		dB
	500-1000 MHz		0.50		dB
VSWR	SUM Port		1.40		(:1)
	OUT Ports		1.23		(: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
PORT 3	5
PORT 4	6
PORT 5	9
PORT 6	10
PORT 7	11
PORT 8	12
GROUND	2,7,8,13,14

Functional Diagram



Mini-Circuits
ISO 9001 ISO 14001 AS 9100 CERTIFIED

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IF/RF MICROWAVE COMPONENTS

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