

## Engineering Development Model

# Power Splitter/Combiner

## 8 Way-0°

# SCPA-ED13459/1

### 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 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		26		900	MHz
Isolation	26-260 MHz		25		dB
	260-450 MHz		20		dB
	450-900 MHz		22		dB
Insertion Loss Above 9.0 dB	26-260 MHz		1.10		dB
	260-450 MHz		1.55		dB
	450-900 MHz		1.85		dB
Phase Unbalance	26-260 MHz		0.85		deg.
	260-450 MHz		2.20		deg.
	450-900 MHz		3.95		deg.
Amplitude Unbalance	26-260 MHz		0.06		dB
	260-450 MHz		0.20		dB
	450-900 MHz		0.45		dB
VSWR	SUM Port		1.21		(:1)
	OUT Ports		1.14		(: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



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