

Engineering Development Model

Power Splitter/Combiner 8 Way-0°

SCPA-ED12932/2

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 : 99-01-1256

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1		200	MHz
Isolation	1 - 10 MHz		45		dB
	10 - 100 MHz		37		dB
	100 - 200 MHz		30		dB
Insertion Loss Above 9.0 dB	1 - 10 MHz		0.30		dB
	10 - 100 MHz		0.40		dB
	100 - 200 MHz		0.70		dB
Phase Unbalance	1 - 10 MHz		0.07		deg.
	10 - 100 MHz		0.48		deg.
	100 - 200 MHz		1.64		deg.
Amplitude Unbalance	1 - 10 MHz		0.02		dB
	10 - 100 MHz		0.02		dB
	100 - 200 MHz		0.05		dB
VSWR	SUM Port		1.16		(:1)
	OUT Ports		1.05		(:1)

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

Functional Diagram



PIN CONNECTIONS	
SUM PORT	2
PORT 1	1
PORT 2	4
PORT 3	5
PORT 4	8
PORT 5	9
PORT 6	12
PORT 7	13
PORT 8	16
GROUND	3,14,15
NOT USED	6,7,10,11