

Engineering Development Model

Power Splitter/Combiner

4 Way-0°

SCP-ED13281A/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 :YY101

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		2		1000	MHz
Isolation	2-20 MHz		24		dB
	20-1000 MHz		20		dB
	1000-2000 MHz		21		dB
Insertion Loss Above 6.0 dB	2-20 MHz		0.50		dB
	20-1000 MHz		0.70		dB
	1000-2000 MHz		1.10		dB
Phase Unbalance	2-20 MHz		0.10		deg.
	20-1000 MHz		0.80		deg.
	1000-2000 MHz		2.00		deg.
Amplitude Unbalance	2-20 MHz		0.05		dB
	20-1000 MHz		0.10		dB
	1000-2000 MHz		0.20		dB
VSWR	SUM Port		1.14		(:1)
	OUT Ports		1.12		(:1)

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

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

Functional Diagram



P.O. Box 350188, Brooklyn, New York 11235-0000 (718) 934-4500 Fax (718) 332-4851 For detailed performance specs & shopping online see Mini-Circuits web site



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINICIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS



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