

Engineering Development Model

Power Splitter/Combiner

SCPSQJ-ED13503/1

4 Way-0°/90°/180°/270°

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 : HU1374

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1000		1900 MHz
Isolation	1000-1900 MHz		20	dB
Insertion Loss Above 6.0 dB	1000-1900 MHz		1.15	dB
Phase Unbalance* @ 90° Port	1000-1900 MHz		1	deg.
Phase Unbalance* @ 180° Port	1000-1900 MHz		1	deg.
Phase Unbalance* @ 270° Port	1000-1900 MHz		1	deg.
Amplitude Unbalance	1000-1900 MHz		0.45	dB
VSWR	SUM Port		1.09	(:1)
	OUT Ports		1.11	(:1)

*Phase Unbalance is referenced insertion phase @ 0° port

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

PIN CONNECTIONS	
SUM PORT	11
PORT 1 (0°)	9
PORT 2 (90°)	6
PORT 3 (180°)	2
PORT 4 (270°)	13
GROUND	1,3,4,5,7,8,10,12,14

electrical schematic



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



IF/RF MICROWAVE COMPONENTS



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