

Engineering Development Model

Power Splitter/Combiner

SCP-ED12262/1

2 Way-0°

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		0.1		400 MHz
Isolation	0.1 - 1 MHz		26	dB
	1 - 200 MHz		30	dB
	200 - 400 MHz		26	dB
Insertion Loss Above 3.0 dB	0.1 - 1 MHz		0.35	dB
	1 - 200 MHz		0.25	dB
	200 - 400 MHz		0.46	dB
Phase Unbalance	0.1 - 1 MHz		0.173	deg.
	1 - 200 MHz		0.124	deg.
	200 - 400 MHz		0.363	deg.
Amplitude Unbalance	0.1 - 1 MHz		0.006	dB
	1 - 200 MHz		0.005	dB
	200 - 400 MHz		0.015	dB
VSWR	SUM Port		1.16	(:1)
	OUT Ports		1.27	(:1)

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

PIN CONNECTIONS	
SUM PORT	1
PORT 1	5
PORT 2	6
GND EXT	2, 3, 4, 7, 8
CASE GND	2, 3, 4, 7, 8

Functional Diagram

