

Engineering Development Model

Power Splitter/Combiner 4 Way-0°

SCP-ED10233/1

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 : YY161

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1		600	MHz
Isolation	1 - 10 MHz		38		dB
	10 - 300 MHz		28		dB
	300 - 600 MHz		22		dB
Insertion Loss Above 6.0 dB	1 - 10 MHz		0.30		dB
	10 - 300 MHz		0.40		dB
	300 - 600 MHz		0.80		dB
Phase Unbalance	1 - 10 MHz		0.08		deg.
	10 - 300 MHz		0.55		deg.
	300 - 600 MHz		1.65		deg.
Amplitude Unbalance	1 - 10 MHz		0.02		dB
	10 - 300 MHz		0.02		dB
	300 - 600 MHz		0.08		dB
VSWR	SUM Port		1.15		(:1)
	OUT Ports		1.24		(: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
GND EXT	1,5,7

Functional Diagram

