

Engineering Development Model

Power Splitter/Combiner

SCA-ED10699/1

4 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 : DZ943

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		5		1000	MHz
Isolation	5 - 50 MHz		30		dB
	50 - 500 MHz		28		dB
	500 - 1000 MHz		22		dB
Insertion Loss Above 6.0 dB	5 - 50 MHz		0.50		dB
	50 - 500 MHz		0.70		dB
	500 - 1000 MHz		1.20		dB
Phase Unbalance	5 - 50 MHz		0.703		deg.
	50 - 500 MHz		0.648		deg.
	500 - 1000 MHz		1.408		deg.
Amplitude Unbalance	5 - 50 MHz		0.344		dB
	50 - 500 MHz		0.347		dB
	500 - 1000 MHz		0.446		dB
VSWR	SUM Port		1.20		(:1)
	OUT Ports		1.20		(:1)

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

PIN CONNECTIONS	
SUM PORT	3
PORT 1	6
PORT 2	7
PORT 3	9
PORT 4	10
GND EXT	1, 2, 4, 5, 8

Functional Diagram

