

Engineering Development Model

Power Splitter/Combiner

SCA-ED10856/1

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 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		10		1800 MHz
Isolation	10 - 100 MHz		32	dB
	100 - 900 MHz		30	dB
	900 - 1800 MHz		18	dB
Insertion Loss Above 6.0 dB	10 - 100 MHz		1.00	dB
	100 - 900 MHz		1.20	dB
	900 - 1800 MHz		2.00	dB
Phase Unbalance	10 - 100 MHz		0.974	deg.
	100 - 900 MHz		2.750	deg.
	900 - 1800 MHz		5.596	deg.
Amplitude Unbalance	10 - 100 MHz		0.691	dB
	100 - 900 MHz		0.587	dB
	900 - 1800 MHz		0.582	dB
VSWR	SUM Port		1.50	(:1)
	OUT Ports		1.40	(: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



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