

Engineering Development Model

Power Splitter/Combiner

ZC4SC-ED12980/1

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 : Z184

Parameter	Ω	Min.	Typ.	Max.	Units
Frequency		0.5		800	MHz
Isolation	.5 - 5 MHz		28		dB
	5 - 400 MHz		31		dB
	400 - 800 MHz		28		dB
Insertion Loss Above 6.0 dB	.5 - 5 MHz		0.70		dB
	5 - 400 MHz		0.60		dB
	400 - 800 MHz		0.80		dB
Phase Unbalance	.5 - 5 MHz		0.05		deg.
	5 - 400 MHz		0.80		deg.
	400 - 800 MHz		1.80		deg.
Amplitude Unbalance	.5 - 5 MHz		0.01		dB
	5 - 400 MHz		0.02		dB
	400 - 800 MHz		0.06		dB
VSWR	SUM Port		1.15		(:1)
	OUT Ports		1.10		(:1)

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

PIN CONNECTIONS	
SUM PORT	S
PORT 1	1
PORT 2	2
PORT 3	3
PORT 4	4

Functional Diagram

