

# Engineering Development Model

## Power Splitter/Combiner 4 Way-0°

ZFSCDC-ED13097B/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 : 99-01-1271

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1		700	MHz
Isolation	1-10 MHz		36		dB
	10-350 MHz		37		dB
	350-700 MHz		27		dB
Insertion Loss Above 6.0 dB	1-10 MHz		0.70		dB
	10-350 MHz		0.60		dB
	350-700 MHz		1.00		dB
Phase Unbalance	1-10 MHz		0.03		deg.
	10-350 MHz		0.25		deg.
	350-700 MHz		1.00		deg.
Amplitude Unbalance	1-10 MHz		0.01		dB
	10-350 MHz		0.02		dB
	350-700 MHz		0.06		dB
VSWR	SUM Port		1.20		(:1)
	OUT Ports		1.10		(:1)

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

COAXIAL CONNECTIONS	
SUM PORT	J5
PORT 1	J1
PORT 2	J2
PORT 3	J3
PORT 4	J4
COUPLED	J6

### electrical schematic

