

Engineering Development Model

Power Splitter/Combiner

ZFSC-ED7933/1

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 : G15

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1		1000 MHz
Isolation	1 - 10 MHz		32	dB
	10 - 500 MHz		37	dB
	500 - 1000 MHz		29	dB
Insertion Loss Above 6.0 dB	1 - 10 MHz		0.53	dB
	10 - 500 MHz		0.58	dB
	500 - 1000 MHz		0.94	dB
Phase Unbalance	1 - 10 MHz		0.114	deg.
	10 - 500 MHz		0.253	deg.
	500 - 1000 MHz		0.990	deg.
Amplitude Unbalance	1 - 10 MHz		0.017	dB
	10 - 500 MHz		0.020	dB
	500 - 1000 MHz		0.072	dB
VSWR	SUM Port		1.12	(:1)
	OUT Ports		1.34	(:1)

Note: Denotes 75 Ohm model, for coax connector models 75 Ohm BNC connectors are standard.

MAXIMUM RATINGS	
Operating Temperature	-55°C to 85°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

