

Engineering Development Model

Power Splitter/Combiner

ZMSC-ED8250/1

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 : N24

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1.6		485	MHz
Isolation	1.6 - 16 MHz		37		dB
	16 - 242.5 MHz		36		dB
	242.5 - 485 MHz		33		dB
Insertion Loss Above 6.0 dB	1.6 - 16 MHz		0.58		dB
	16 - 242.5 MHz		0.42		dB
	242.5 - 485 MHz		0.66		dB
Phase Unbalance	1.6 - 16 MHz		0.798		deg.
	16 - 242.5 MHz		0.326		deg.
	242.5 - 485 MHz		0.755		deg.
Amplitude Unbalance	1.6 - 16 MHz		0.027		dB
	16 - 242.5 MHz		0.010		dB
	242.5 - 485 MHz		0.160		dB
VSWR	SUM Port		1.21		(:1)
	OUT Ports		1.19		(:1)

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

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

Functional Diagram

