

Non-Catalog Model

Directional Coupler

ZMDC-10-2

Important Note

This is a non-catalog model and can be manufactured on specific request.
Pricing and delivery information can be supplied upon request.

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CASE STYLE : M21

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		250		1000 MHz
Coupling	Nominal		10.5 ± 0.5	dB
	Flatness		± 0.5	dB
Mainline Loss *	250-500 MHz		1.10	1.40 dB
	500-1000 MHz		1.60	1.90 dB
Directivity	250-500 MHz	30	40	dB
	500-1000 MHz	15	20	dB
VSWR			1.5	(:1)
Power Input	500-1000 MHz		5.0	W

Notes: * Mainline loss includes theoretical coupled power loss of 0.405 dB at 10.5 dB coupling.

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

PIN CONNECTIONS	
INPUT	3
OUTPUT	2
COUPLED FORWARD	1

Functional Diagram

