

Non-Catalog Model

Directional Coupler

ZMDC-20-1

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		25		400	MHz
Coupling	Nominal		21.0 ± 0.75		dB
	Flatness		± 0.5		dB
Mainline Loss *	25-50 MHz		0.20	0.25	dB
	50-300 MHz		0.30	0.35	dB
	300-400 MHz		0.35	0.50	dB
Directivity	25-50 MHz	20	25		dB
	50-300 MHz	25	35		dB
	300-400 MHz	20	25		dB
VSWR			1.3		(:1)
Power Input	25-50 MHz		3.0		W
	50-400 MHz		5.0		W

Notes: * Mainline loss includes theoretical coupled power loss of 0.035 dB at 21 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

