

Non-Catalog Model

Directional Coupler

ZDC-15-2

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 : M22

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.5		250	MHz
Coupling	Nominal		15 ± 0.5		dB
	Flatness		± 0.5		dB
Mainline Loss *	0.5-5 MHz		0.80	1.20	dB
	5-125 MHz		0.70	1.00	dB
	125-250 MHz		0.90	1.20	dB
Directivity	0.5-5 MHz	28	32		dB
	5-125 MHz	28	32		dB
	125-250 MHz	28	32		dB
VSWR			1.4		(:1)
Power Input	0.5-5 MHz		1.5		W
	5-250 MHz		3.0		W

Notes: * Mainline loss includes theoretical coupled power loss of 0.140 dB at 15 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

