

Non-Catalog Model

Directional Coupler

ZDC-15-6

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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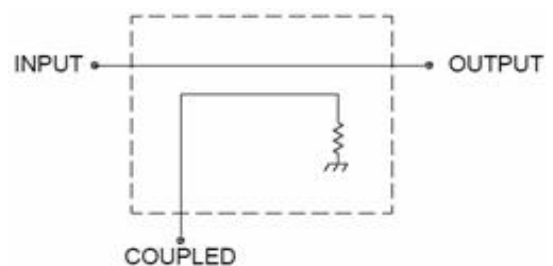
CASE STYLE : M22

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.01		35	MHz
Coupling	Nominal		15.0 ± 0.5		dB
	Flatness		± 0.5		dB
Mainline Loss *	0.01-0.1 MHz		0.30	0.60	dB
	0.1-17.5 MHz		0.20	0.40	dB
	17.5-35 MHz		0.30	0.60	dB
Directivity	0.01-0.1 MHz	30	38		dB
	0.1-17.5 MHz	25	35		dB
	17.5-35 MHz	20	28		dB
VSWR			1.2		(:1)
Power Input	0.01-0.1 MHz		2.0		W
	0.1-35 MHz		4.0		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

Functional Diagram



PIN CONNECTIONS	
INPUT	3
OUTPUT	2
COUPLED FORWARD	1