Engineering Development Model

Directional Coupler ZADC-ED10172/1

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 : FM587

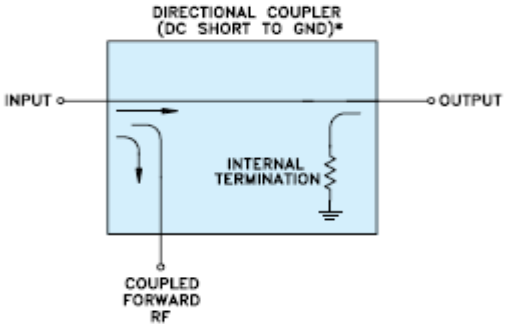
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		**Min.**	**Typ.**	**Max.**	**Units**
Frequency		300		2300	MHz
Coupling	**Nominal**		15.0 ± 1.0		dB
	Flatness		± 0.2		dB
Mainline Loss **	**300-2300 MHz**		0.70		dB
Directivity	**300-2300 MHz**		22		dB
VSWR	**300-2300 MHz**		1.3		(:1)
RF Power Input	**300-2300 MHz**			1.0	W

Note: ** 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

COAXIAL CONNECTIONS	
INPUT	1
OUTPUT	2
COUPLED FORWARD	3

Electrical Schematic



* ELECTRICAL SCHEMATIC IS FOR DIRECTIONAL COUPLER WITH INTERNAL TRANSFORMER(S) THAT ROUTES DC FROM RF PORTS TO GROUND.