Engineering Development Model

Bi-Directional Coupler PDC-ED12628/2

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.

Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : A01

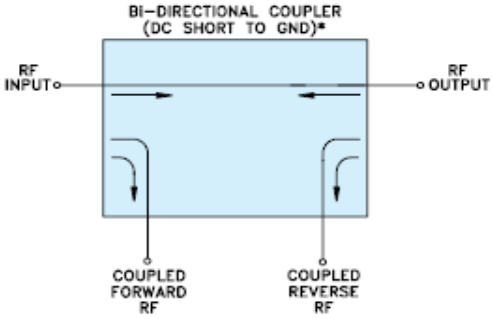
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		**Min.**	**Typ.**	**Max.**	**Units**
Frequency		5		200	MHz
Coupling	**Nominal**		19.50		dB
	Flatness		± 0.545		dB
Mainline Loss **	**5-50 MHz**		0.10		dB
	50-100 MHz		0.20		dB
	100-200 MHz		0.30		dB
Directivity	**5-50 MHz**		30		dB
	50-100 MHz		30		dB
	100-200 MHz		25		dB
VSWR	**5-200 MHz**		1.15		(:1)
RF Power Input	**5-200 MHz**			5	W

Note: ** Mainline loss includes theoretical coupled power loss of 0.049dB at 19.5dB coupling.

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

PIN CONNECTIONS	
INPUT	1
OUTPUT	4
COUPLED FORWARD	3
COUPLED REVERSE	6
NOT USED	2,5,7,8

Electrical Schematic



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