

## Directional Coupler

## ADC-ED12758

### 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 : CD636

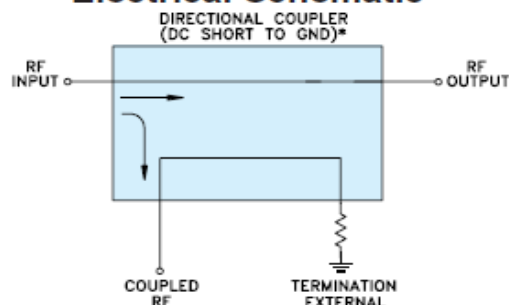
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		20		500	MHz
Coupling	Nominal		26 ± 1		dB
	Flatness		± 0.8		dB
Mainline Loss **	20-200 MHz		0.15		dB
	200-250 MHz		0.50		dB
	250-500 MHz		0.30		dB
Directivity	20-200 MHz		35		dB
	200-250 MHz		25		dB
	250-500 MHz		18		dB
VSWR	20-500 MHz		1.1		(:1)
RF Power Input	20-500 MHz			5	W

Note: \*\*Mainline loss includes theoretical coupled power loss of 0.010dB at 26dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
INPUT	1
OUTPUT	6
COUPLED FORWARD	3
NOT USED	5
50Ω TERM. EXTERNAL	4
GROUND	2

### Electrical Schematic



\* ELECTRICAL SCHEMATIC IS FOR DIRECTIONAL COUPLER WITH INTERNAL TRANSFORMER(S) AND EXTERNAL TERMINATION.