

## Directional Coupler

## ADC-ED13396/2

### 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.



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CASE STYLE : CD542

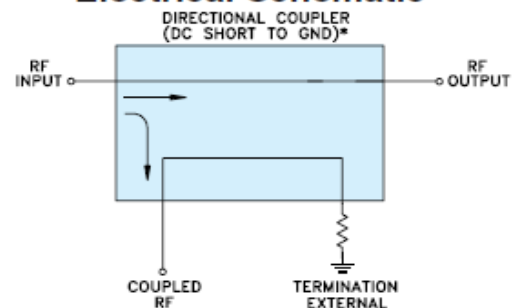
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		100		1200	MHz
Coupling	Nominal		20.55±1.5		dB
	Flatness		2.0		dB
Mainline Loss*	100-1200 MHz		0.25		dB
Directivity	100-1200 MHz		26		dB
VSWR	100-1200 MHz		1.20		(:1)
RF Power Input	100-1200 MHz			4	W

Note: \* Mainline loss includes theoretical coupled power loss of 0.038 dB at 20.55 dB coupling.

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

PIN CONNECTIONS	
INPUT	1
OUTPUT	6
COUPLED	3
GND	2
50Ω TERM EXTERNAL	4
ISOLATE (DO NOT USE)	5

### Electrical Schematic



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