

## Directional Coupler

## ADC-ED10264

### 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 : CD542**

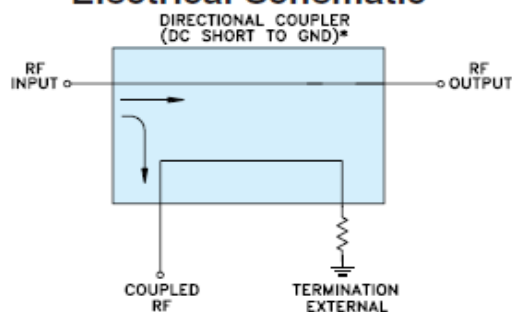
ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		5		1000	MHz
Coupling	Nominal		10.0 ± 1.0		dB
	Flatness		± 1.0		dB
Mainline Loss **	5-50 MHz		0.90		dB
	50-500 MHz		0.90		dB
	500-1000 MHz		1.00		dB
Directivity	5-50 MHz		40		dB
	50-500 MHz		28		dB
	500-1000 MHz		17		dB
VSWR	5-1000 MHz		1.2		(:1)
RF Power Input	5-1000 MHz			0.25	W

**Note:** \*\*Mainline loss includes theoretical coupled power loss of 0.458 dB at 10 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 FORWARD	3
75Ω TERM. EXTERNAL	4
GROUND	2
NOT USED	5

### Electrical Schematic



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