

Directional Coupler

ADC-ED11866/1

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.

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



CASE STYLE : CD542

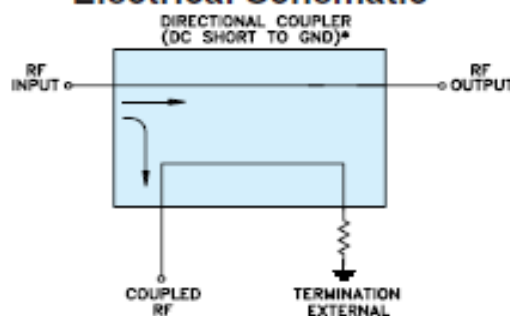
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		50		1500 MHz
Coupling	Nominal		15.8 ± 0.8	dB
	Flatness		± 0.75	dB
Mainline Loss *	50-500 MHz		0.73	dB
	500-750 MHz		0.62	dB
	750-1500 MHz		0.64	dB
Directivity	50-500 MHz		26	dB
	500-750 MHz		38	dB
	750-1500 MHz		29	dB
VSWR	50-1500 MHz		1.1	(:1)
RF Power Input				1.5 W

Note: * Mainline loss includes theoretical coupled power loss of 0.12 dB at 15.8 dB coupling.

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

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

Electrical Schematic



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