

Directional Coupler

ADC-ED8270/1

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.



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CASE STYLE : CD542

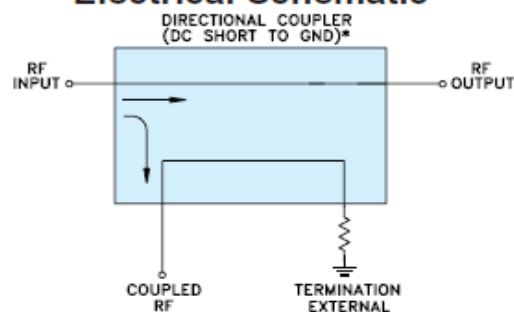
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		200		1800 MHz
Coupling	Nominal		6.4 ± 0.40	dB
	Flatness		± 0.40	dB
Mainline Loss**	200-1800 MHz		1.90	dB
Directivity	200-1800 MHz		17	dB
VSWR	200-1800 MHz		1.2	(:1)
RF Power Input	200-1800 MHz			0.5 W

Note: ** Mainline loss includes theoretical coupled power loss of 1.130 dB at 6.4 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
50Ω TERM. EXTERNAL	4
GROUND	2
NOT USED	5

Electrical Schematic



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