

## Directional Coupler

## ZADC-ED11966/1

### 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 : F1110

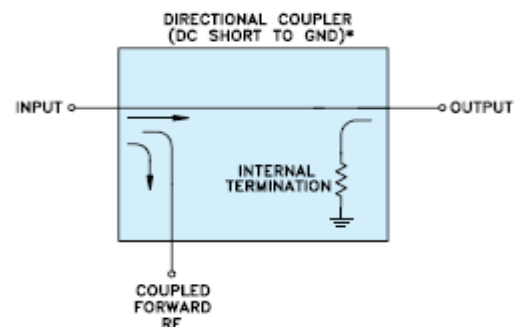
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		5		500	MHz
Coupling	Nominal		15.3±0.5		dB
	Flatness		±0.59		dB
Mainline Loss **	5-50 MHz		0.24		dB
	50-250 MHz		0.50		dB
	250-500 MHz		0.45		dB
Directivity	5-50 MHz		25		dB
	50-250 MHz		22		dB
	250-500 MHz		24		dB
VSWR	5-500 MHz		1.06		(:1)
RF Power Input	5-500 MHz			10	W

**Note:** \*\*Mainline loss includes theoretical coupled power loss of 0.13 dB at 15.3 dB coupling.

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

COAXIAL CONNECTIONS	
INPUT	1
OUTPUT	S
COUPLED FORWARD	2

### Electrical Schematic



\* ELECTRICAL SCHEMATIC IS FOR DIRECTIONAL COUPLER WITH INTERNAL TRANSFORMER(S) THAT ROUTES DC FROM RF PORTS TO GROUND.