

## Directional Coupler

## ZADC-ED10203

### 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 : FM587**

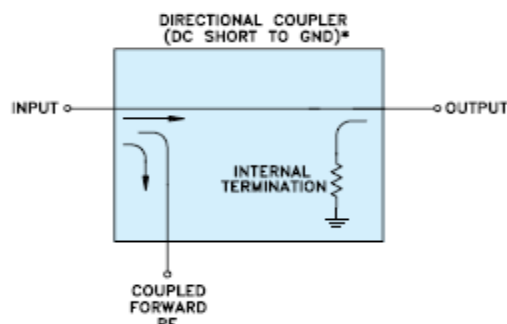
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		400		2500 MHz
Coupling	Nominal		23.0 ± 1.0	dB
	Flatness		± 0.5	dB
Mainline Loss **	400-2500 MHz		0.40	dB
Directivity	400-2500 MHz		20	dB
VSWR	400-2500 MHz		1.1	(:1)
RF Power Input	400-2500 MHz			1.0 W

**Note:** \*\* Mainline loss includes theoretical coupled power loss of 0.022 dB at 23 dB coupling.

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

COAXIAL CONNECTIONS	
INPUT	1
OUTPUT	2
COUPLED FORWARD	3

### Electrical Schematic



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