

Directional Coupler

ZADC-ED10022/1

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 : FM587

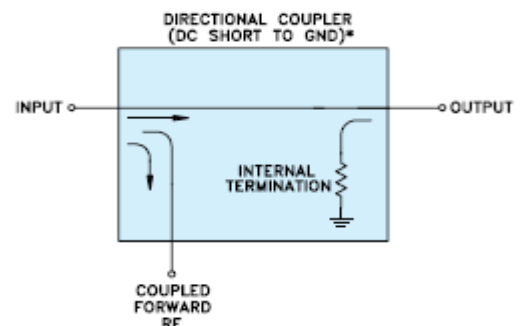
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		200		3000 MHz
Coupling	Nominal		18.5 ± 1.0	dB
	Flatness		± 1.0	dB
Mainline Loss **	200-2000 MHz		0.41	dB
	1500-3000 MHz		0.66	dB
Directivity	200-2000 MHz		25	dB
	1500-3000 MHz		22	dB
VSWR	200-3000 MHz		1.2	(:1)
RF Power Input	200-3000 MHz			1.0 W

Note: **Mainline loss includes theoretical coupled power loss of 0.062 dB at 18.5 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.