

Directional Coupler

ZADC-ED11673/1

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 : 99-01-587

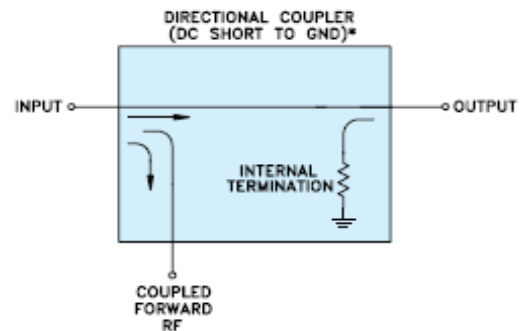
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		550		1100	MHz
Coupling	Nominal		6.5 ± 1		dB
	Flatness		± 1		dB
Mainline Loss *	550-1100 MHz		1.70		dB
Directivity	550-1100 MHz		25		dB
VSWR	550-1100 MHz		1.2		(:1)
RF Power Input	550-1100 MHz			1.0	W

Note: * Mainline loss includes theoretical coupled power loss of 1.10 dB at 6.5 dB coupling.

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

COAXIAL CONNECTIONS	
INPUT	1, SMA(FEMALE)
OUTPUT	2, SMA(FEMALE)
COUPLED	3, SMA(FEMALE)

Electrical Schematic



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