

Directional Coupler

ZADC-ED11942/2

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

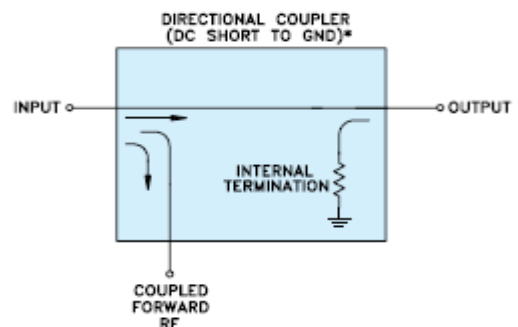
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1		600 MHz
Coupling	Nominal		13.3±0.5	dB
	Flatness		±0.56	dB
Mainline Loss **	1-10 MHz		0.40	dB
	10-300 MHz		0.40	dB
	300-600 MHz		0.60	dB
Directivity	1-10 MHz		21	dB
	10-300 MHz		24	dB
	300-600 MHz		30	dB
VSWR	1-600 MHz		1.10	(:1)
RF Power Input	1-600 MHz			12 W

Note: **Mainline loss includes theoretical coupled power loss of 0.208 dB at 13.3 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.