

DC Pass Directional Coupler

ZADC-ED12622/1

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.



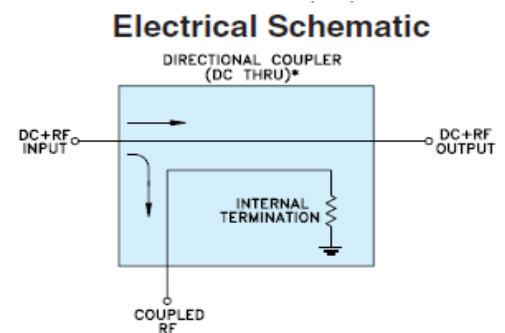
CASE STYLE : CC51-1

ELECTRICAL SPECIFICATIONS 75Ω/50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		850		1450	MHz
Coupling	Nominal		20±1		dB
	Flatness		± 0.63		dB
Mainline Loss **	850-1450 MHz		0.80		dB
Directivity	850-1450 MHz		22		dB
VSWR	850-1450 MHz		1.15		(:1)
RF Power Input	850-1450 MHz			5	W

Note: ** Mainline loss includes theoretical coupled power loss of 0.044dB at 20dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
DC Current	2A

COAXIAL CONNECTIONS	
INPUT (75 OHM, F TYPE)	1
OUTPUT (75 OHM, F-TYPE)	3
COUPLED FORWARD (50 OHM, N-TYPE)	2



* ELECTRICAL SCHEMATIC FOR DIRECTIONAL COUPLER THAT IS DESIGNED WITHOUT INTERNAL TRANSFORMERS.