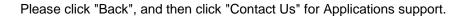
## **Directional Coupler**

## **ZADC-ED16174/1**

## **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.





**CASE STYLE: CC51-1** 

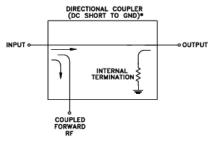
ELECTRICAL SPECIFICATIONS 75/50Ω @ +25°C					
Parameter		Min.	Тур.	Max.	Units
Frequency		5		100	MHz
Coupling	Nominal		12.3 +/-0.5		dB
	Flatness		+/-0.2		dB
Mainline Loss *	5 MHz		0.5		dB
	100 MHz		0.6		dB
Directivity	5 MHz		17		dB
	100 MHz		16		dB
VSWR	50-100 MHz		1.2		(:1)
RF Power Input	50-100 MHz			2	W

Note: \* Mainline loss includes theoretical coupled power loss of 0.251dB at 12.5dB coupling.

MAXIMUM RATINGS				
Operating Temperature	-40°C to 85°C			
Storage Temperature	-55°C to 100°C			

PIN CONNECTIONS				
INPUT (75 Ω, N female)	1			
OUTPUT (75 Ω, N female)	3			
COUPLED (50 Ω, SMA female)	2			

## **Electrical Schematic**



\* ELECTRICAL SCHEMATIC IS FOR DIRECTIONAL COUPLER WITH INTERNAL TRANSFORMER(S) THE