

## DC Pass

## Bi-Directional Coupler

## ZABDC20-ED13198

### 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 : DD477-1

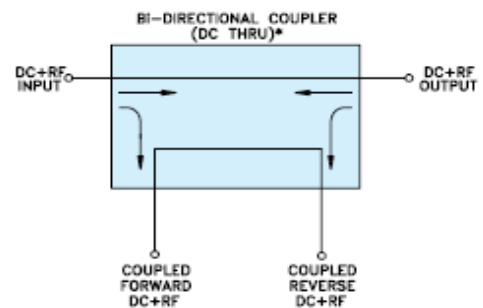
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		700		2100 MHz
Coupling	Nominal		20.3 ± 1	dB
	Flatness		± 1.5	dB
Mainline Loss *	700-2100 MHz		0.25	dB
Directivity	700-2100 MHz		27	dB
VSWR	700-2100 MHz		1.1	(:1)
RF Power Input	700-2100 MHz			50 W
	800-1000 MHz			100

Note: \* Mainline loss includes theoretical coupled power loss of 0.041 dB at 20.3 dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 100°C
DC Current	2.0 A

COAXIAL CONNECTIONS	
INPUT	1
OUTPUT	4
COUPLED FORWARD	2
COUPLED REVERSE	3

### Electrical Schematic



\* ELECTRICAL SCHEMATIC IS FOR BI-DIRECTIONAL COUPLER WITHOUT INTERNAL TRANSFORMERS AND RESISTORS.