

Engineering Development Model

Bi-Directional Coupler

ZFBDC20-ED13208

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 : JD1252

ELECTRICAL SPECIFICATIONS 50 Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		10		600	MHz
Coupling	Nominal		20 $\pm$ 0.5		dB
	Flatness		$\pm$ 0.9		dB
Mainline Loss (1)	10-600 MHz		0.25		dB
	10-450 MHz		0.20		dB
Directivity	10-600 MHz		25		dB
	10-450 MHz		28		dB
VSWR	10-600 MHz		1.05		(:1)
RF Power Input (2)	10-600 MHz			25	W
	10-450 MHz			50	

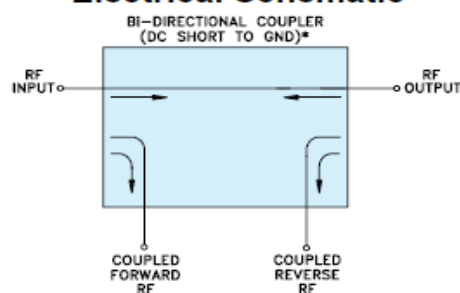
(1) Mainline loss includes theoretical coupled power loss of .044 dB at 20 dB coupling.

(2) Over +55°C derate linearly to 50% of rating at 100°C

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

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

Electrical Schematic



P.O. Box 350166, Brooklyn, New York 11235-0000 (718) 934-4500 Fax (718) 332-4651 For detailed performance specs & shopping online see Mini-Circuits web site
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS



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