

DC Pass

Bi-Directional Coupler

ZBDC40-ED12230/1

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 : HT1180

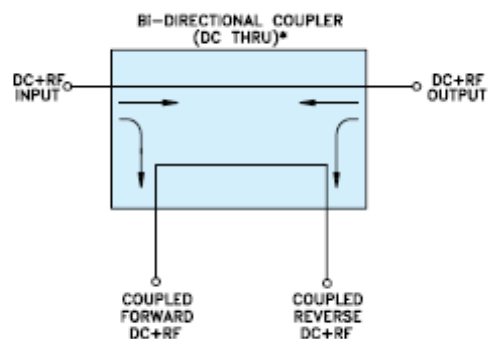
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		550		1450 MHz
Coupling	Nominal		39.9±1.5	dB
	Flatness		± 1.185	dB
Mainline Loss**	550-1450 MHz		0.15	dB
Directivity	550-1450 MHz		24	dB
VSWR	550-1450 MHz		1.12	(:1)
RF Power Input	550-1450 MHz			50 W

Note: **Mainline loss includes theoretical coupled power loss of 0.0004dB at 39.9dB coupling.

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

COAXIAL CONNECTIONS	
INPUT	J1
OUTPUT	J2
COUPLED FORWARD	J4
COUPLED REVERSE	J3

Electrical Schematic



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