

Engineering Development Model

DC PASS

Bi-Directional Coupler

ZX30-ED13790

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 : GW1052

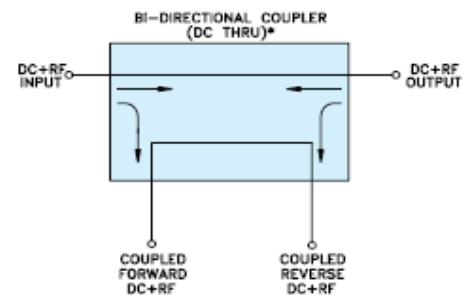
ELECTRICAL SPECIFICATIONS 50 @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		2600		4600	MHz
Coupling	Nominal		19.3±0.8		dB
	Flatness		±0.4		dB
Mainline Loss**	2600-4600 MHz		0.35		dB
	3000-4200 MHz		0.30		dB
Directivity	2600-4600 MHz		20		dB
	3000-4200 MHz		25		dB
VSWR	2600-4600 MHz		1.20		(:1)
RF Power Input	2600-4600 MHz			40	W

Note: ** Mainline loss includes theoretical coupled power loss of 0.051 dB at 19.3 dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
DC Current	2.0A

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.