

Engineering Development Model

DC PASS

Bi-Directional Coupler

ZABDC20-ED11579/4

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.



SMA version shown
CASE STYLE : DD477-1

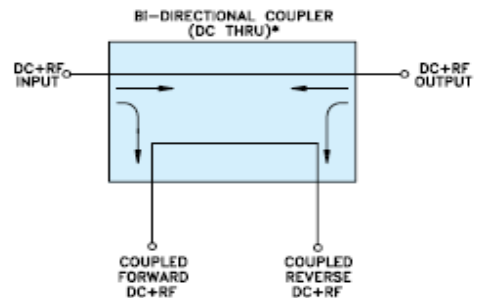
ELECTRICAL SPECIFICATIONS 50 Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		800		2500	MHz
Coupling	Nominal		21.35 $\pm$ 0.9		dB
	Flatness		$\pm$ 0.9		dB
Mainline Loss*	800-2500 MHz		0.20		dB
Directivity	800-2500 MHz		28		dB
VSWR	800-2500 MHz		1.05		(:1)
RF Power Input	800-2500 MHz			50	W
	800-1000 MHz			100	
	1300-2500 MHz			50	

Note: * Mainline loss includes theoretical coupled power loss of 0.029 dB at 21.7 dB coupling.

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