

DC Pass

Bi-Directional Coupler

ZABDC20-ED13199

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

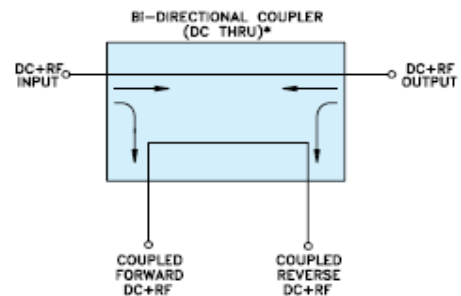
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1400		3300	MHz
Coupling	Nominal		20 ± 1		dB
	Flatness		± 1.3		dB
Mainline Loss *	1400-3300 MHz		0.25		dB
Directivity	1400-3300 MHz		25		dB
VSWR	1400-3300 MHz		1.1		(:1)
RF Power Input	1400-3300 MHz			50	W

Note: * Mainline loss includes theoretical coupled power loss of 0.043 dB at 20 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.