

DC Pass

Bi-Directional Coupler

ZBDC25-ED12228/2

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 : HT1180

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1270		2575 MHz
Coupling	Nominal		24.9±1.1	dB
	Flatness		± 0.64	dB
Mainline Loss **	1270-2575 MHz		0.30	dB
Directivity	1270-2575 MHz		28	dB
VSWR	1270-2575 MHz		1.05	(:1)
RF Power Input	1270-2575 MHz			20 W

Note: **Mainline loss includes theoretical coupled power loss of 0.014dB at 24.9dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
DC Current	2.5A

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

Electrical Schematic

