

DC Pass, High Power Bi-Directional Coupler

SYBD-ED12832/3

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 : JB1233

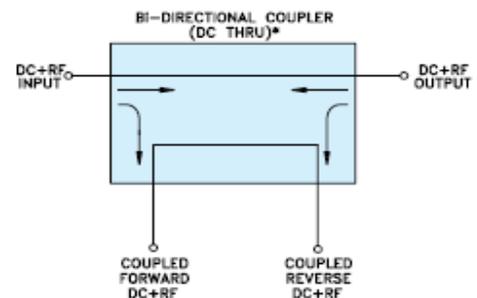
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter	Min.	Typ.	Max.	Units
Frequency	1400		1750	MHz
Coupling	Nominal	21.6±0.7		dB
	Flatness	±1.2		dB
Mainline Loss **	1400-1750 MHz	0.10		dB
Directivity	1400-1750 MHz	17		dB
VSWR	1400-1750 MHz	1.10		(:1)
RF Power Input	1400-1580 MHz		50	W
	1580-1750 MHz		25	W

Note: ** Mainline loss includes theoretical coupled power loss of 0.0302dB at 21.6dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
DC Current	2A

PIN CONNECTIONS	
INPUT	1
OUTPUT	2
COUPLED FORWARD	4
COUPLED REVERSE	3
GROUND	5

Electrical Schematic



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