

DC Pass, High Power Bi-Directional Coupler

SYBD-ED12832/7

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

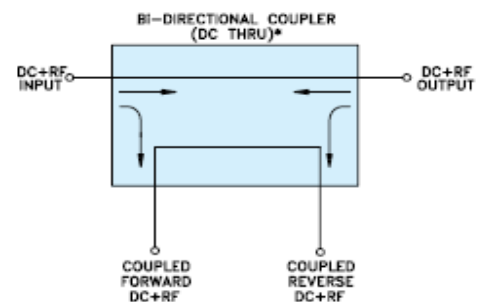
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter	Min.	Typ.	Max.	Units
Frequency	400		610	MHz
Coupling		30.8±0.8		dB
Nominal Flatness		±2.2		dB
Mainline Loss **		0.04		dB
Directivity		30		dB
VSWR		1.10		(:1)
RF Power Input			100	W

Note: ** Mainline loss includes theoretical coupled power loss of 0.0036dB at 30.8dB 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.