

DC Pass, High Power Bi-Directional Coupler

SYBD-ED12762/7

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

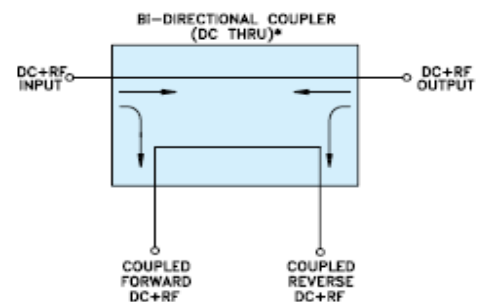
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		400		610	MHz
Coupling	Nominal		25.5±0.8		dB
	Flatness		±2.2		dB
Mainline Loss **	400-610 MHz		0.08		dB
Directivity	400-610 MHz		24		dB
VSWR	400-610 MHz		1.10		(:1)
RF Power Input	400-610 MHz			100	W

Note: ** Mainline loss includes theoretical coupled power loss of 0.0123dB at 25.5dB 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.