

DC Pass, High Power Bi-Directional Coupler

SYBD-ED12762/3

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

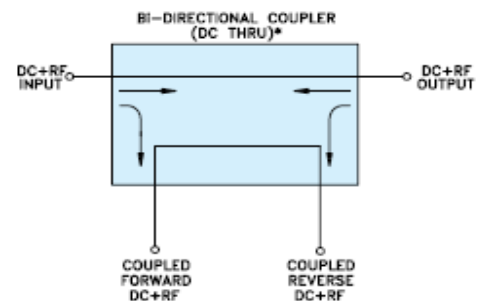
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1400		1750 MHz
Coupling	Nominal		16.3±0.7	dB
	Flatness		±1.2	dB
Mainline Loss **	1400-1750 MHz		0.22	dB
Directivity	1400-1750 MHz		25	dB
VSWR	1400-1750 MHz		1.10	(:1)
RF Power Input	1400-1580 MHz			50 W
	1580-1750 MHz			25 W

Note: ** Mainline loss includes theoretical coupled power loss of 0.103dB at 16.3dB 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.