

DC Pass, High Power Bi-Directional Coupler

SYBD-ED12762/1

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

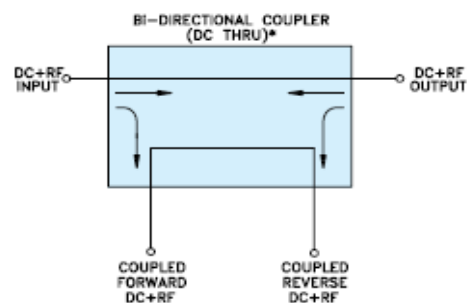
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		2700		6000 MHz
Coupling	Nominal		11±1	dB
	Flatness		± 1.5	dB
Mainline Loss **	2700-6000 MHz		0.70	dB
Directivity	2700-6000 MHz		18	dB
VSWR	2700-6000 MHz		1.22	(:1)
RF Power Input	2700-3600 MHz			25 W
	3600-6000 MHz			20

Note: ** Mainline loss includes theoretical coupled power loss of 0.36dB at 11dB 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.