

DC Pass, High Power Bi-Directional Coupler

SYBD-ED12762/2

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.



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CASE STYLE : JB1233

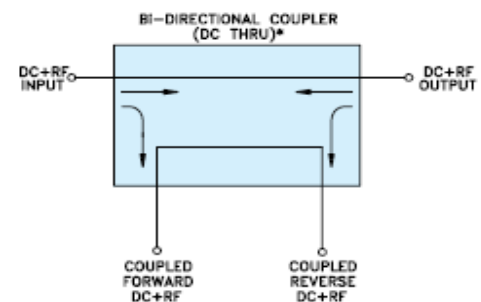
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1750		2700 MHz
Coupling	Nominal		14.3±0.8	dB
	Flatness		±1.17	dB
Mainline Loss **	1750-2700 MHz		0.40	dB
Directivity	1750-2700 MHz		22	dB
VSWR	1750-2700 MHz		1.20	(:1)
RF Power Input	1750-2700 MHz			25 W

Note: ** Mainline loss includes theoretical coupled power loss of 0.1644dB at 14.3dB 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.