

Directional Coupler

JDC-ED11944/2

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 : BH292

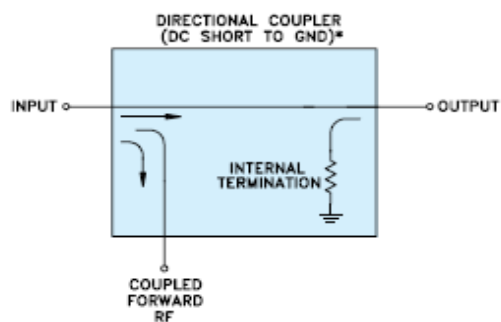
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1400		2800	MHz
Coupling	Nominal		18.43±1.8		dB
	Flatness		±1.98		dB
Mainline Loss **	1400-2800MHz		0.45		dB
Directivity	1400-2800MHz		19		dB
VSWR	1400-2800MHz		1.32		(:1)
RF Power Input	1400-2800MHz			0.5	W

Note: ** Mainline loss includes theoretical coupled power loss of 0.0628 dB at 18.43 dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
INPUT	1
OUTPUT	6
COUPLED FORWARD	3
GROUND	2, 5
NOT USED (ISOLATE)	4

Electrical Schematic



* ELECTRICAL SCHEMATIC IS FOR DIRECTIONAL COUPLER WITH INTERNAL TRANSFORMER(S) THAT ROUTES DC FROM RF PORTS TO GROUND.