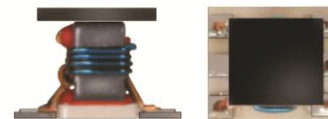


Directional Coupler

TCD-ED11202/1

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 : DB1627

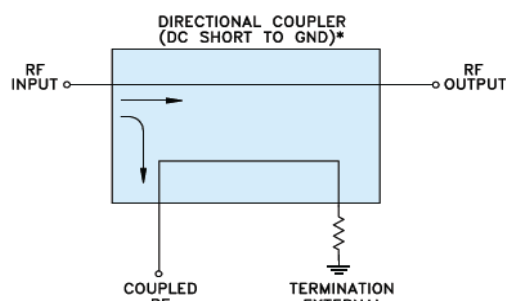
ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		5		2000	MHz
Coupling	Nominal		16.5±0.5		dB
	Flatness		±0.3		dB
Mainline Loss *	5 MHz		1.5		dB
	950 MHz		1.2		dB
	2000 MHz		1.6		dB
Directivity	5 MHz		14		dB
	950 MHz		29		dB
	2000 MHz		14		dB
VSWR	5-2000 MHz		1.3		(:1)
RF Power Input	5-2000 MHz			1	W

Note: * Mainline loss includes theoretical coupled power loss of 0.1dB at 16.5dB coupling.

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

PIN CONNECTIONS	
INPUT	3
OUTPUT	4
COUPLED	1
NOT USED	5
75Ω TERM. EXTERNAL	6
GROUND	2

Electrical Schematic



* ELECTRICAL SCHEMATIC IS FOR DIRECTIONAL COUPLER WITH INTERNAL TRANSFORMER(S) AND EXTERNAL TERMINATION.