

Directional Coupler

TRDC-ED12601/2

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 : 99-01-1215

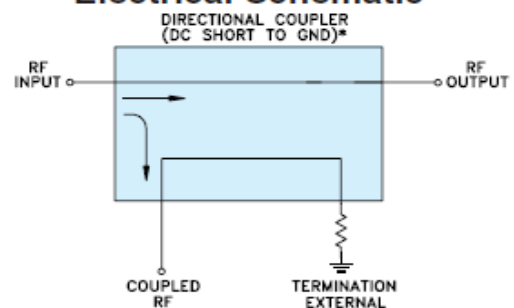
ELECTRICAL SPECIFICATIONS 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		5		1200 MHz
Coupling	Nominal		17.00	
	Flatness		± 0.44	
Mainline Loss **	5-50 MHz		0.70	
	50-600 MHz		0.45	
	600-1200 MHz		0.70	
Directivity	5-50 MHz		33	
	50-600 MHz		28	
	600-1200 MHz		14	
VSWR	5-1200 MHz		1.18	
RF Power Input	5-1200 MHz			1.0 W

Note: ** Mainline loss includes theoretical coupled power loss of 0.088dB at 17dB 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
NOT USED	5
75Ω TERM. EXTERNAL	4
GROUND	2

Electrical Schematic



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