

Directional Coupler

TCD-ED12467/1

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.

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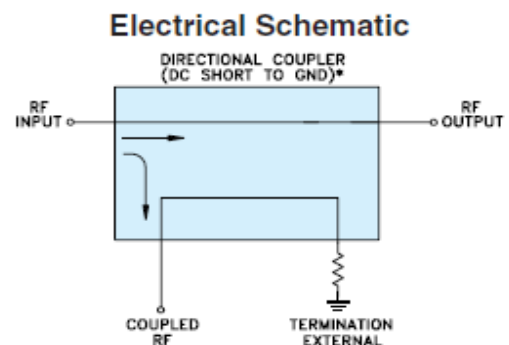
CASE STYLE : AT224-1

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		.3		1250 MHz
Coupling	Nominal		10±0.3	dB
	Flatness		±0.315	dB
Mainline Loss **	.3-3 MHz		1.52	dB
	3-625 MHz		1.13	
	625-1250 MHz		1.45	
Directivity	.3-3 MHz		20	dB
	3-625 MHz		20	
	625-1250 MHz		15	
VSWR	.3-1250 MHz		1.17	(:1)
RF Power Input	.3-1250 MHz			1.0 W

Note: **Mainline loss includes theoretical coupled power loss of 0.4576 dB at 10 dB 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
GROUND	2
75Ω TERM. EXTERNAL	6



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