

Directional Coupler

TCD-ED10230

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 : DB714

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		5		120	MHz
Coupling	Nominal		17.0 ± 1.0		dB
	Flatness		± 0.3		dB
Mainline Loss **	5-50 MHz		0.55		dB
	50-60 MHz		0.55		dB
	60-120 MHz		0.55		dB
Directivity	5-50 MHz		27		dB
	50-60 MHz		25		dB
	60-120 MHz		26		dB
VSWR	5-120 MHz		1.1		(:1)
RF Power Input	5-120 MHz			1.0	W

Note: ** Mainline loss includes theoretical coupled power loss of 0.088 dB at 17 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 FORWARD	1
75Ω TERM. EXTERNAL	6
GROUND	2
NOT USED	5

