

Non-Catalog Model

Directional Coupler

TODC-10-1

Important Note

This is a non-catalog model and can be manufactured on specific request. Pricing and delivery information can be supplied upon request.

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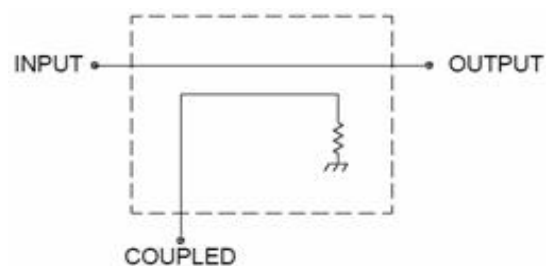
CASE STYLE : QQ96

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		10		400	MHz
Coupling	Nominal		11.3 ± 0.5		dB
	Flatness		± 0.5		dB
Mainline Loss *	10-100 MHz		1.20	1.50	dB
	100-200 MHz		1.00	1.30	dB
	200-400 MHz		1.20	1.50	dB
Directivity	10-100 MHz	25	35		dB
	100-200 MHz	20	30		dB
	200-400 MHz	20	25		dB
VSWR			1.5		(:1)
Power Input	10-100 MHz		0.5		W
	100-400 MHz		1.0		W

Notes: * Mainline loss includes theoretical coupled power loss of 0.335 dB at 11.3 dB coupling.

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

Functional Diagram



PIN CONNECTIONS	
INPUT	5
OUTPUT	8
COUPLED FORWARD	2
NOT USED	11
CASE GND	All other pins