Engineering Development Model

Directional Coupler SYDC-ED14337/2

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.

Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : 99-01-1613

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		**Min.**	**Typ.**	**Max.**	**Units**
Frequency		50		4000	MHz
Coupling	**Nominal**		24±1		dB
	Flatness		±1.8		dB
Mainline Loss*	**50 MHz**		0.8		dB
	2200 MHz		1.4		dB
	3600 MHz		2.3		dB
	4000 MHz		2.5		dB
Directivity	**50 MHZ**		24		dB
	2000 MHz		18		dB
	3600 MHz		12		dB
	4000 MHz		9		dB
VSWR	**50-4000 MHz**		1.5		(:1)
RF Power Input	**50-4000 MHz**			3	W

Note: * Mainline loss includes theoretical coupled power loss of .017 dB at 24 dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-40°C to +60°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
INPUT	8
OUTPUT	1
COUPLED	5
GROUND	2,3,4,6,7

Electrical Schematic