Engineering Development Model

DC PASS

Directional Coupler ZX30-ED14258/1

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.

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

CASE STYLE : GW1052

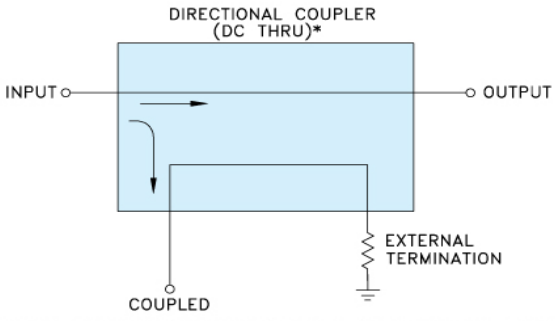
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		**Min.**	**Typ.**	**Max.**	**Units**
Frequency		8300		9700	MHz
Coupling	**Nominal**		14.4±1.0		dB
	Flatness		±0.5		dB
Mainline Loss*	**8300-9700 MHz**		0.80		dB
Directivity	**8300-9700 MHz**		7		dB
VSWR	**8300-9700 MHz**		1.40		(:1)
RF Power Input	**8300-9700 MHz**			20	W

Note: * Mainline loss includes theoretical coupled power loss of 0.18 dB at 14 dB coupling.

MAXIMUM RATINGS	
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +100°C
DC Current	0.5A

COAXIAL CONNECTIONS	
INPUT	1
OUTPUT	4
COUPLED FORWARD	2
50-OHM TERM EXTERNAL	3

Electrical Schematic



* ELECTRICAL SCHEMATIC FOR DIRECTIONAL COUPLERS REQUIRING EXTERNAL TERMINATION THAT IS DESIGNED WITHOUT INTERNAL TRANSFORMERS.