Engineering Development Model

Bi-Directional Coupler** 2ZCOUP-ED12393

**2 Couplers

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.

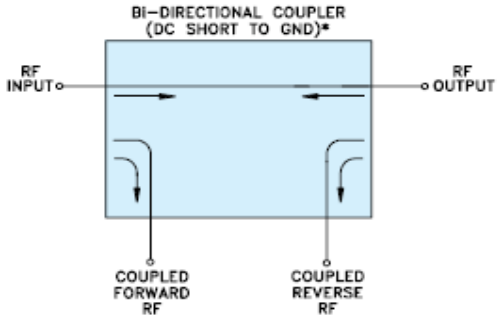
CASE STYLE : 99-01-1175

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		**Min.**	**Typ.**	**Max.**	**Units**
Frequency		800		1550	MHz
Coupling	**Nominal**		21.00		dB
	Flatness		± 1.51		dB
Mainline Loss * **	**800-1550 MHz**		0.25		dB
Directivity	**800-1550 MHz**		22		dB
VSWR	**800-1550 MHz**		1.28		(:1)
RF Power Input	**800-1550 MHz**			100	mW

Note: *** Mainline loss includes theoretical coupled power loss of 0.035dB at 21dB coupling.

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

Electrical Schematic



* ELECTRICAL SCHEMATIC IS FOR BI–DIRECTIONAL COUPLER WITH INTERNAL TRANSFORMER(S) THAT ROUTES DC FROM RF PORTS TO GROUND.