

Bi-Directional Coupler

LRDC-ED10249A/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 : QQQ569

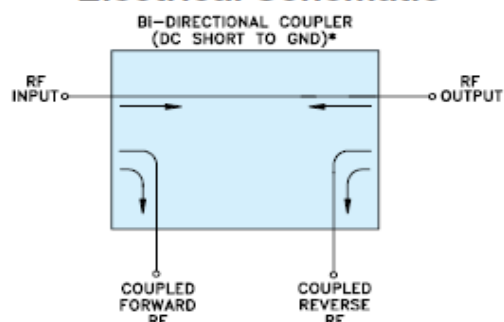
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		4		72 MHz
Coupling	Nominal		20.7 ± 0.5	dB
	Flatness		± 0.2	dB
Mainline Loss **	4-40 MHz		0.18	dB
	36-72 MHz		0.14	dB
Directivity	4-40 MHz		49	dB
	36-72 MHz		34	dB
VSWR	4-72 MHz		1.3	(:1)
RF Power Input	4-72 MHz			5 W

Note: ** Mainline loss includes theoretical coupled power loss of 0.037 dB at 20.7 dB coupling.

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

PIN CONNECTIONS	
INPUT	6
OUTPUT	1
COUPLED FORWARD	4
COUPLED REVERSE	3
GROUND	2, 5

Electrical Schematic



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