## **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.



**CASE STYLE : QQQ569** 

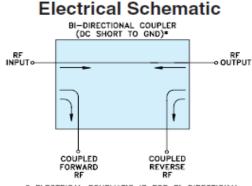
Please click "Back", and then click "Contact Us" for Applications support.

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Тур.	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 IS FOR BI-DIRECTIONAL COUPLER WITH INTERNAL TRANSFORMER(S) THAT ROUTES DC FROM RF PORTS TO GROUND.



REV. X1 LRDC-ED10249A/1 3/13/2009 Page 1 of 1

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