

17 to 21 GHz 20 Watts LT-DC Series 40dB Directional Coupler

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC40-170210S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



Product Specification

- Highlight: 20 Watts Directional Coupler,
40dB Directional Coupler,
21 GHz Directional Coupler

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Product Description

17 to 21 GHz 20 Watts LT-DC Series 40dB Directional Coupler

Product Overview

The LT-DC40-170210S is a high-performance 40dB directional coupler operating in the 17 to 21 GHz frequency range, capable of handling up to 20 Watts (CW) power with excellent directivity and low VSWR.

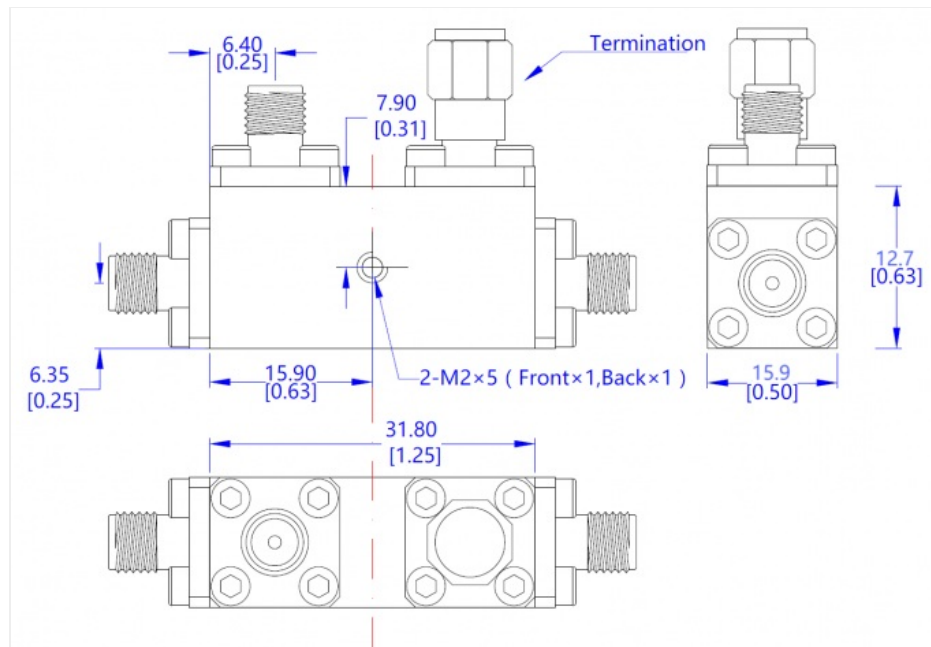
Key Features

- 40dB Directional Coupler with ± 1.0 dB coupling accuracy
- 17 to 21 GHz operational frequency range
- Minimum directivity of 15 dB
- Low VSWR: <1.4:1
- Maximum power handling: 20 Watts (CW)
- SMA Female connectors
- Compliance with CE, RoHS, and REACH standards
- Includes 1-year warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC40-170210S	
Frequency Range	17 to 21 GHz	
Coupling	40 \pm 1.0 dB	
Impedance	50 Ohms	
Main Line VSWR	1.4:1 Max.	
Coupling VSWR	1.4:1 Max.	
Insertion Loss	0.6 dB Max.	
Frequency Balance	1.4 dB Max.	
Directivity	15 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	45 g	
Dimensions	31.8 \times 15.9 \times 12.7 mm	

Outline Drawing



Note: Custom specifications available upon request. Please contact us for tailored solutions.

ZRHITECH Sichuan ZR Hi-Tech Ltd.

17342580638

info@zrhitech.com

zrhitech.com

Room 507, Advanced Technology Achievement Western Transformation Center, No. 36 Xingke South Road,
Jinniu District, Chengdu, Sichuan, China