

LT-DC Series 20dB Directional Coupler 20 Watts Power Handling for 18 to 50 GHz Frequency Band

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC20-18050024
- 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,
18 to 50 GHz Directional Coupler,
20dB Directional Coupler

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Product Description

LT-DC Series 20dB Directional Coupler 20 Watts Power Handling for 18 to 50 GHz Frequency Band

Product Overview

The LT-DC20-18050024 is a high-performance 20dB directional coupler designed for 18 to 50 GHz frequency range applications. This precision component features excellent directivity and low VSWR, making it ideal for demanding RF systems.

Key Features

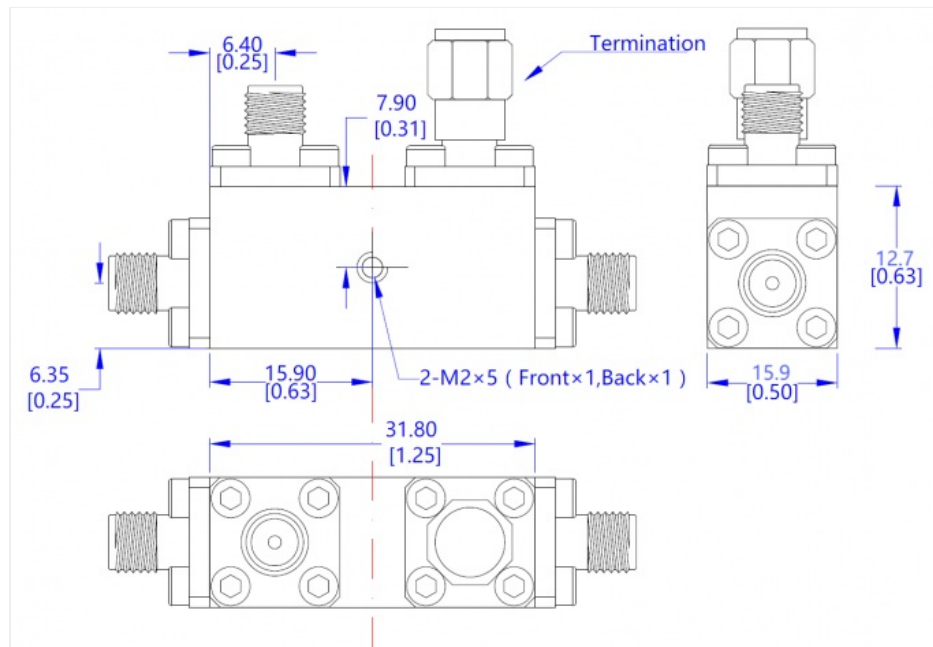
- 20dB Directional Coupler with >10 dB directivity
- Broad frequency range: 18 to 50 GHz
- Low VSWR: <1.8:1
- Precision coupling: 20±0.7 dB
- High power handling: 20 Watts (CW)
- 2.4mm Female connectors
- Compliance: CE, RoHS, REACH
- 1 Year Warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC20-18050024	
Frequency Range	18 to 50 GHz	
Coupling	20±0.7 dB	
Impedance	50 Ohms	
Main Line VSWR	1.8:1 Max.	
Coupling VSWR	1.8:1 Max.	
Insertion Loss	1.7 dB Max.	
Frequency Balance	1.6 dB Max.	
Directivity	10 dB Min.	
Input Power	20 W	
Connectors	2.4mm Female	
Weight	50 g	
Dimensions	31.8×15.9×12.7 mm	

Note: Custom specifications available upon request.

Mechanical Drawing



ZRHTECH 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