



LT-DC Series 20dB Directional Coupler 1-10 GHz 20 Watts Power Handlin

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC20-010100S
- 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,
1-10 GHz Directional Coupler,
20dB Directional Coupler

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LT-DC Series 20dB Directional Coupler 1-10 GHz 20 Watts Power Handling

Product Overview

The LT-DC20-010100S is a high-performance 20dB directional coupler operating from 1 to 10 GHz with 20 Watts (CW) power handling capacity. Featuring SMA Female connectors, this coupler offers excellent directivity and low VSWR for reliable signal monitoring applications.

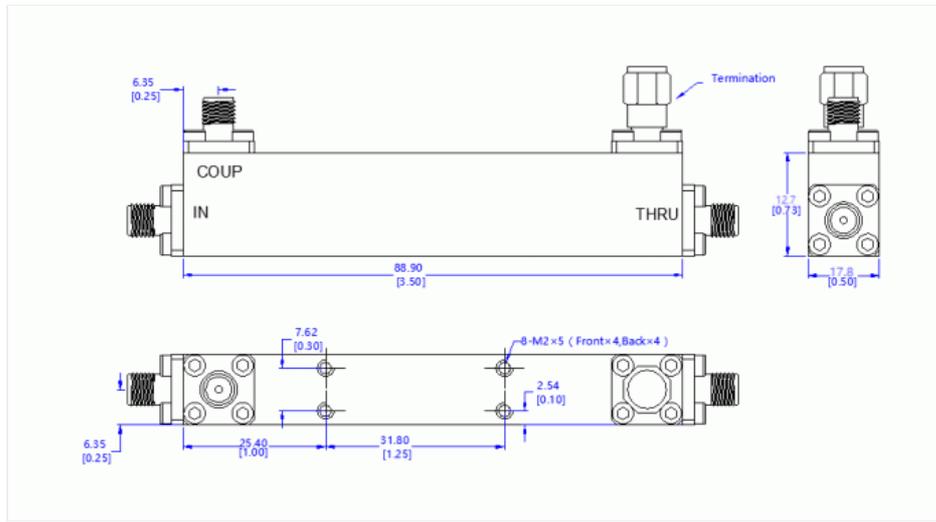
Key Features

- 20dB Directional Coupler with ± 1.0 dB coupling accuracy
- Broad frequency range: 1 to 10 GHz
- High directivity: >16 dB minimum
- Low VSWR: <1.3:1
- Maximum power handling: 20 Watts (CW)
- SMA Female connectors
- Compliance: CE, RoHS, REACH
- 1-year warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC20-010100S	
Frequency Range	1 to 10 GHz	
Coupling	20 \pm 1.0 dB	
Impedance	50 Ohms	
Main Line VSWR	1.3:1 Max.	
Coupling VSWR	1.3:1 Max.	
Insertion Loss	0.7 dB Max.	
Frequency Balance	1.0 dB Max.	
Directivity	16 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	75 g	
Dimension	88.9 \times 17.8 \times 12.7 mm	

Mechanical Drawing



For custom specifications or additional information, please contact our technical sales team.

 **ZRHITECH Sichuan ZR Hi-Tech Ltd.**

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