

17 to 21 GHz 20 Watts LT-DC Series 10dB Directional Coupler Middle Position

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-170210S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



LT-DC10-170210S

Product Specification

- Highlight: LT-DC Series Directional Coupler,
17 to 21 GHz Directional Coupler,
20 Watts Directional Coupler

Product Description

17 to 21 GHz 20 Watts LT-DC Series 10dB Directional Coupler Middle Position

Product Overview

The **LT-DC10-170210S** is a high-performance 10dB directional coupler operating in the 17 to 21 GHz frequency range, designed for precision RF applications requiring up to 20 Watts (CW) power handling.

Key Features

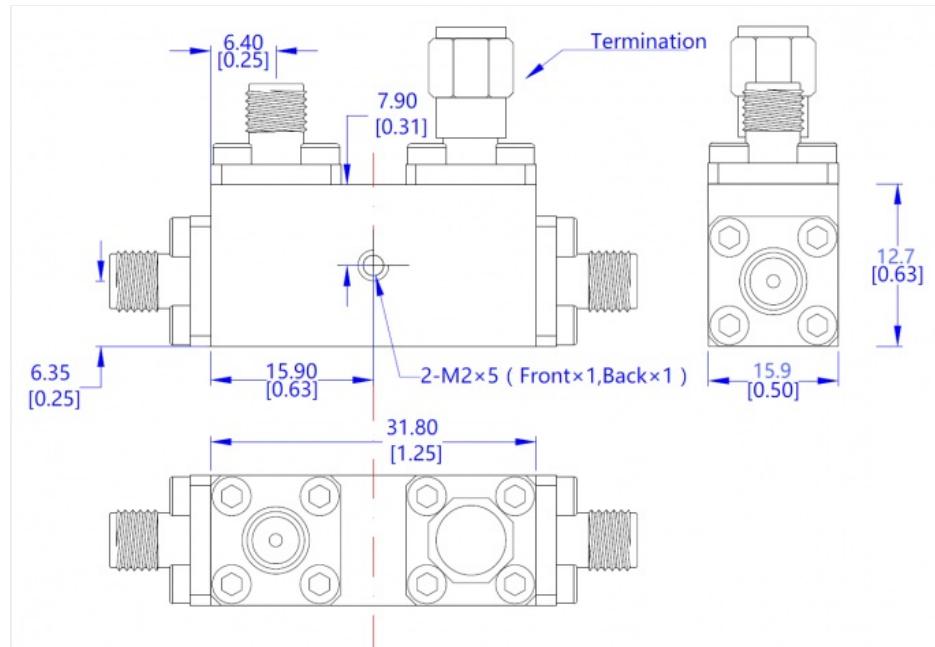
- 10dB directional coupler with ± 0.5 dB coupling accuracy
- Excellent directivity > 16 dB
- Broad frequency range: 17 to 21 GHz
- Low VSWR $< 1.4:1$ for optimal signal integrity
- High power handling: 20 Watts (CW)
- Compact dimensions: 31.8×15.9×12.7 mm
- Standard SMA female connectors
- Compliance: CE, RoHS, REACH
- 1-year manufacturer warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-170210S	
Frequency Range	17 to 21 GHz	
Coupling	10 ± 0.5 dB	
Impedance	50 Ohms	
Main Line VSWR	1.4:1 Max.	
Coupling VSWR	1.4:1 Max.	
Insertion Loss	1.2 dB Max.	
Frequency Balance	0.8 dB Max.	
Directivity	16 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	45 g	
Dimension	31.8×15.9×12.7 mm	

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

Mechanical Outline



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