

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



Product Specification

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

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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

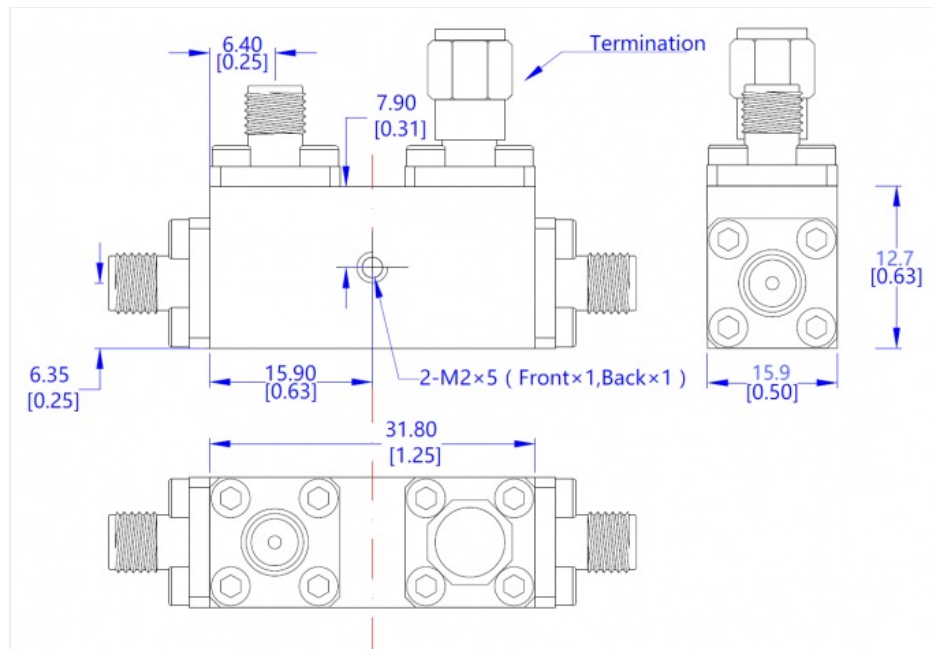
- 10dB directional coupler with ± 0.5 dB coupling accuracy
- Excellent directivity > 16 dB
- Broad frequency range: 17 to 21 GHz
- Low VSWR < 1.4:1 for optimal signal integrity
- High power handling: 20 Watts (CW)
- Compact dimensions: 31.8×15.9×12.7 mm
- Standard SMA female connectors
- Compliance: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