

## 10 to 15 GHz 20 Watts LT-DC Series 10dB Directional Coupler for Precise Signal Splitting

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-100150S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



**LT-DC10-100150S**

#### Product Specification

- Highlight: 20 Watts Directional Coupler,  
10 to 15 GHz Directional Coupler,  
Precise Signal Splitting Directional Coupler

## Product Description

### 10 to 15 GHz 20 Watts LT-DC Series 10dB Directional Coupler for Precise Signal Splitting

#### Product Overview

The LT-DC10-100150S is a high-performance 10dB directional coupler designed for precise signal splitting applications in the 10 to 15 GHz frequency range.

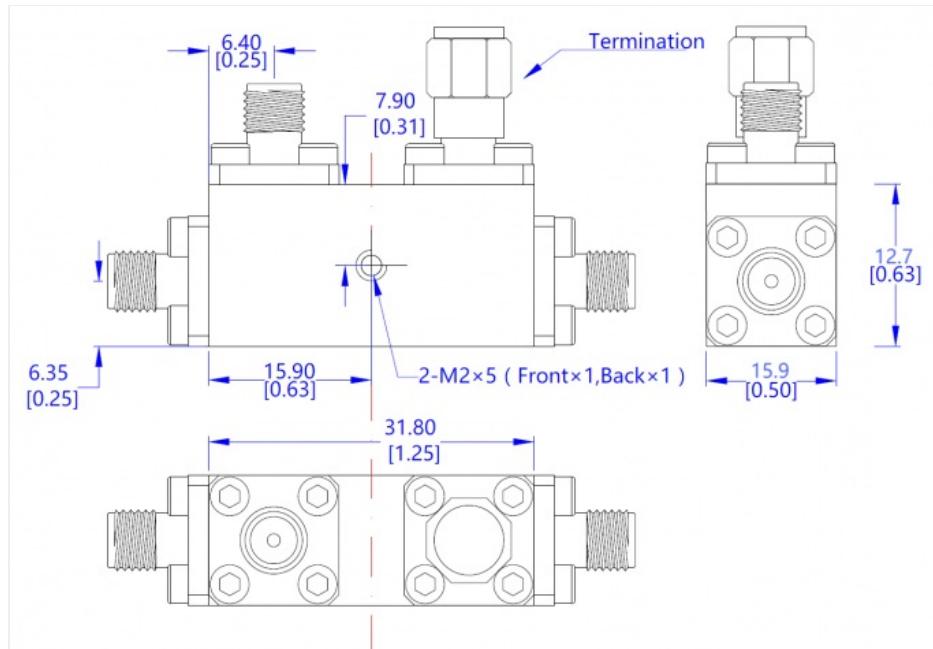
#### Key Features

- 10dB directional coupling with  $\pm 0.5$  dB accuracy
- Excellent directivity  $> 13$  dB
- Broad frequency range: 10 to 15 GHz
- Low VSWR  $< 1.5:1$
- High power handling: 20 Watts (CW)
- SMA female connectors
- Compliance with CE, RoHS, and REACH standards
- Backed by 1-year warranty

#### Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-100150S	
Frequency Range	10 to 15 GHz	
Coupling	$10 \pm 0.5$ dB	
Impedance	50 Ohms	
Main Line VSWR	1.5:1 Max.	
Coupling VSWR	1.5:1 Max.	
Insertion Loss	1.2 dB Max.	
Frequency Balance	1.2 dB Max.	
Directivity	13 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	45 g	
Dimensions	31.8x15.9x12.7 mm	

#### Mechanical Outline



*Note: Custom specifications available upon request. Please contact us for specialized requirements.*

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