



## LT-DC Series 10dB Directional Coupler 10 to 40 GHz 20 Watts Standar

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-100400K
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



LT-DC10-100400K

#### Product Specification

- Highlight: 10dB Directional Coupler,  
10 to 40 GHz Directional Coupler,  
20 Watts Directional Coupler

## Product Description

### LT-DC Series 10dB Directional Coupler 10 to 40 GHz 20 Watts Standard

#### Product Overview

The LT-DC10-100400K is a high-performance 10dB directional coupler operating from 10 to 40 GHz frequency range with 20 Watts maximum power handling capacity. Featuring excellent directivity and low VSWR, this coupler is ideal for precise RF signal sampling applications.

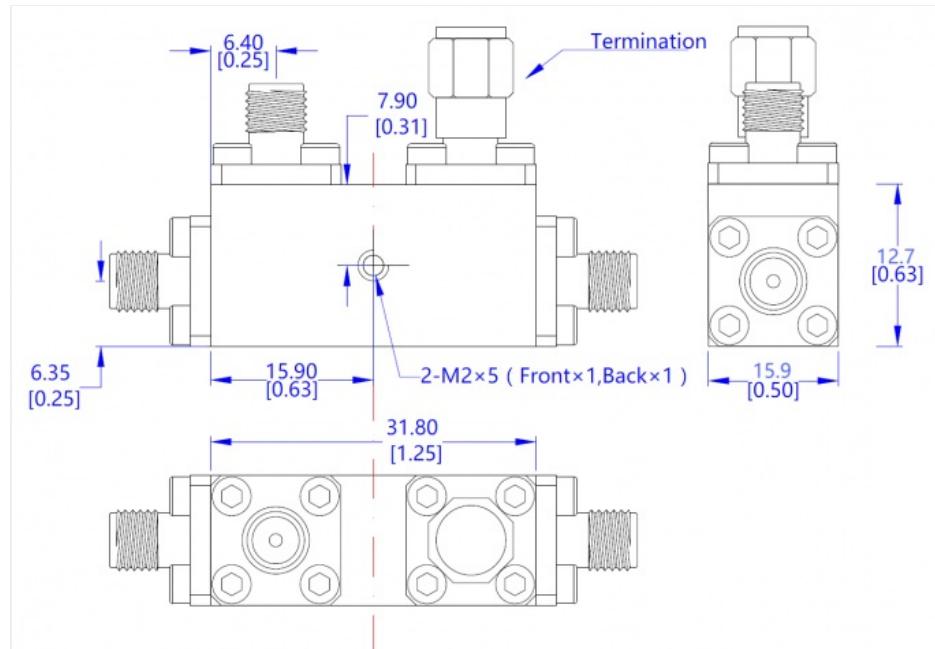
#### Key Features

- 10 to 40 GHz operational frequency range
- 10±0.7 dB coupling with >10 dB directivity
- Low VSWR: <1.6:1 (main line), <1.7:1 (coupling)
- Maximum power handling: 20 Watts (CW)
- 2.92mm female connector interface
- Compact dimensions: 31.8×15.9×12.7 mm
- Compliance: CE, RoHS, REACH
- 1-year manufacturer warranty

#### Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-100400K	
Frequency Range	10 to 40 GHz	
Coupling	10±0.7 dB	
Impedance	50 Ohms	
Main Line VSWR	1.6:1 Max.	
Coupling VSWR	1.7:1 Max.	
Insertion Loss	1.6 dB Max.	
Frequency Balance	1.2 dB Max.	
Directivity	10 dB Min.	
Input Power	20 W	
Connectors	2.92mm Female	
Weight	40 g	
Dimensions	31.8×15.9×12.7 mm	

#### Mechanical Outline



*Note: Custom specifications are available upon request. Please contact our technical team for specialized requirements.*

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