



## LT-DC Series 10dB Directional Coupler 2-31 GHz Frequency Range 20 Watts Power Handling

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-020310K
- 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,  
10dB Directional Coupler,  
31 GHz Directional Coupler

for more products please visit us on [zrhitech.com](http://zrhitech.com)

## LT-DC Series 10dB Directional Coupler 2-31 GHz Frequency Range 20 Watts Power Handling

### Product Overview

The LT-DC10-020310K is a high-performance 10dB directional coupler designed for applications requiring precise signal sampling across a broad frequency spectrum from 2 to 31 GHz.

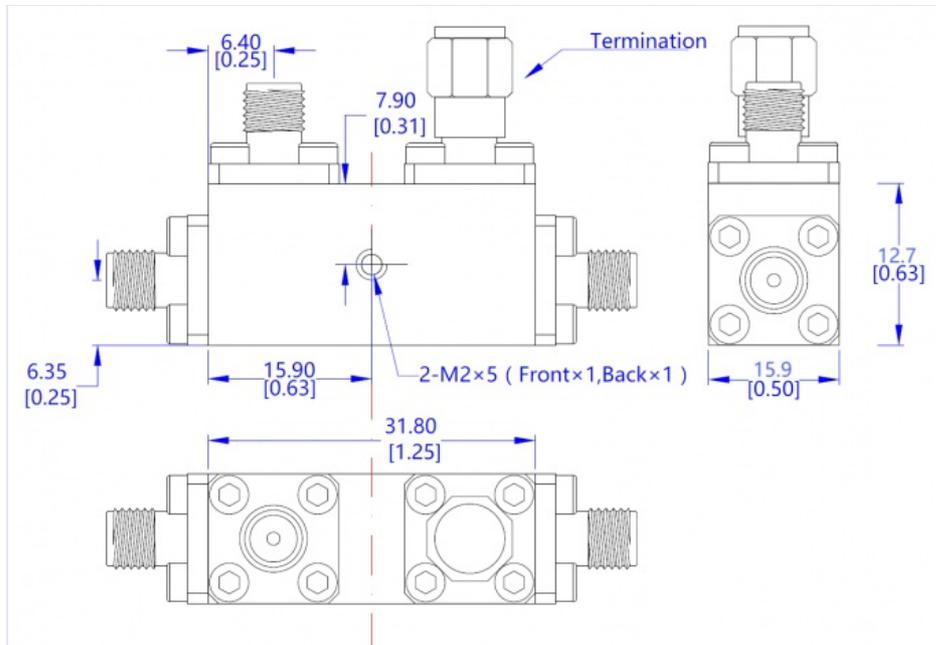
### Key Features

- 10dB coupling with  $\pm 0.6$  dB tolerance
- Exceptional directivity > 12 dB
- Broad frequency range: 2 to 31 GHz
- Low VSWR < 1.6:1
- High power handling: 20 Watts (CW)
- Compliance with CE, RoHS, and REACH standards
- Includes 1-year manufacturer warranty

### Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-020310K	
Frequency Range	6 to 20 GHz	
Coupling	10 $\pm$ 0.6 dB	
Impedance	50 Ohms	
Main Line VSWR	1.6:1 Max.	
Coupling VSWR	1.6:1 Max.	
Insertion Loss	1.9 dB Max.	
Frequency Balance	1.6 dB Max.	
Directivity	12 dB Min.	
Input Power	20 W	
Connectors	2.92MM Female	
Weight	80 g	
Dimensions	57.2 $\times$ 17.8 $\times$ 12.7 mm	

### Mechanical Drawing



*For custom specifications or additional technical requirements, please contact our engineering team.*

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

 17342580638

 info@zrhitech.com

 zrhitech.com

Room 507, Advanced Technology Achievement Western Transformation Center, No. 36 Xingke South Road,  
Jinniu District, Chengdu, Sichuan, China