



## 20W LT-DC Series 10dB Directional Coupler Ideal for 6-26.5GHz Frequency Range

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-060265S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



### Product Specification

- Highlight: 6-26.5GHz Directional Coupler,  
10dB Directional Coupler,  
20W Directional Coupler

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## 20W LT-DC Series 10dB Directional Coupler for 6-26.5GHz Frequency Range

### Product Overview

The LT-DC10-060265S is a high-performance 10dB directional coupler designed for applications in the 6 to 26.5 GHz frequency range. This robust component features excellent directivity and low VSWR, making it ideal for demanding RF systems.

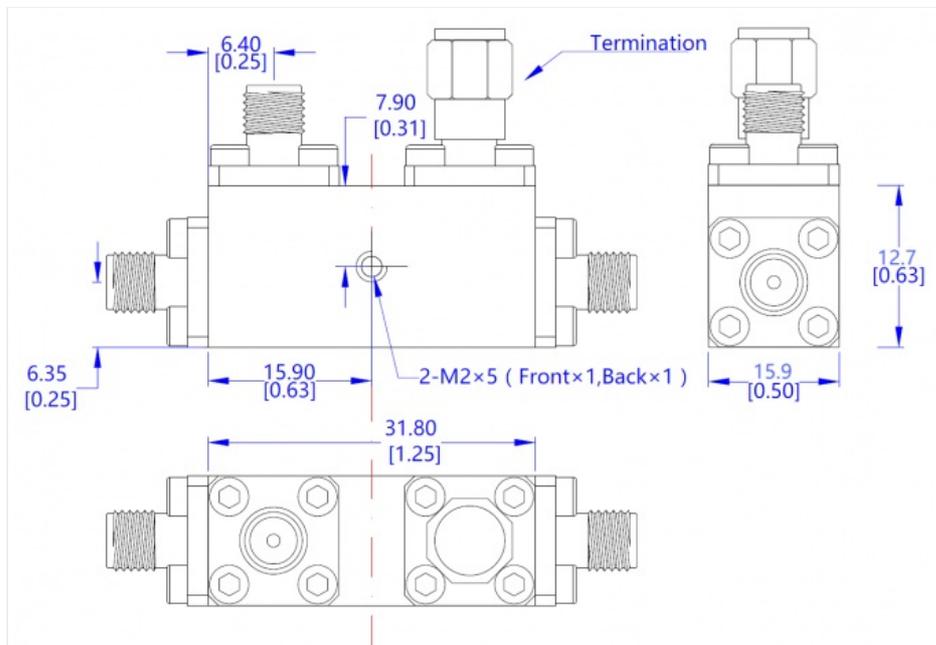
### Key Features

- 10dB coupling with  $\pm 0.6$  dB tolerance
- Exceptional directivity > 13 dB
- Broad frequency range: 6 to 26.5 GHz
- Low VSWR < 1.4:1
- 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-DC10-060265S	
Frequency Range	6 to 26.5 GHz	
Coupling	10 $\pm$ 0.6 dB	
Impedance	50 Ohms	
Main Line VSWR	1.4:1 Max.	
Coupling VSWR	1.4:1 Max.	
Insertion Loss	1.3 dB Max.	
Frequency Balance	1.2 dB Max.	
Directivity	13 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	45 g	
Dimensions	31.8 $\times$ 15.9 $\times$ 12.7 mm	

### Mechanical Drawing



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

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