



26.5 to 40 GHz 20 Watts LT-DC Series 10dB Directional Coupler for High Frequency Applications

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-265400K
- 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,
26.5 to 40 GHz Directional Coupler,
High Frequency Applications Directional
Coupler**

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26.5 to 40 GHz 20 Watts LT-DC Series 10dB Directional Coupler for High Frequency Applications

Product Overview

The LT-DC10-265400K is a high-performance 10dB directional coupler designed for demanding high-frequency applications from 26.5 to 40 GHz. With excellent directivity and low VSWR, this coupler delivers reliable performance for critical RF systems.

Key Features

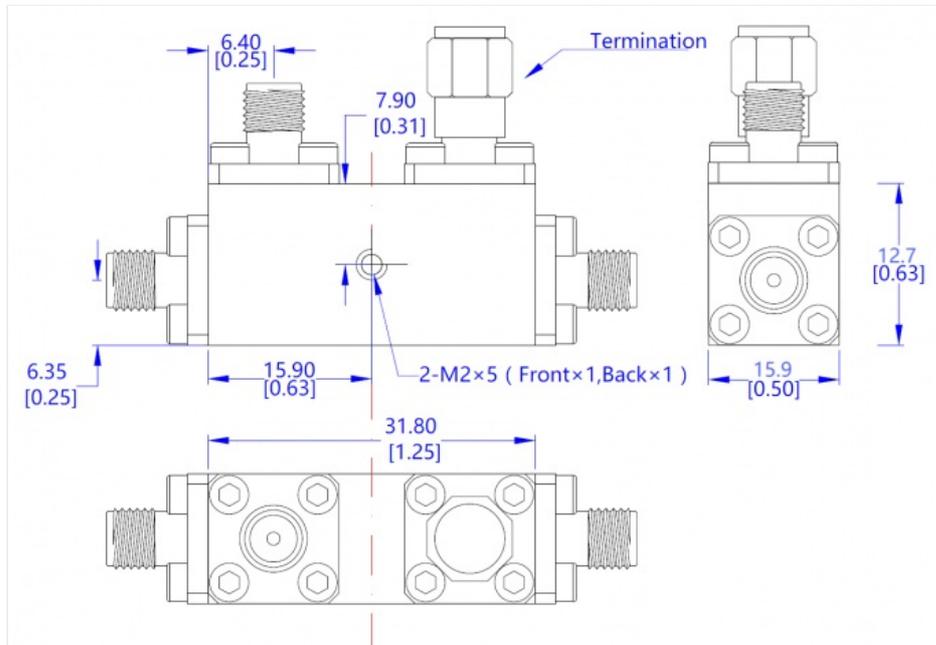
- 10dB coupling with ± 0.6 dB tolerance
- Directivity > 12 dB
- Broad frequency range: 26.5 to 40 GHz
- Low VSWR: < 1.7:1
- High power handling: 20 Watts (CW)
- 2.92mm female connectors
- Compliant with CE, RoHS, and REACH standards
- 1-year warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-265400K	
Frequency Range	26.5 to 40 GHz	
Coupling	10 \pm 0.6 dB	
Impedance	50 Ohms	
Main Line VSWR	1.7:1 Max.	
Coupling VSWR	1.7:1 Max.	
Insertion Loss	1.5 dB Max.	
Frequency Balance	1.0 dB Max.	
Directivity	12 dB Min.	
Input Power	20 W	
Connectors	2.92mm Female	
Weight	45 g	
Dimension	31.8 × 15.9 × 12.7 mm	

Note: For custom specifications, please contact us directly.

Outline Drawing



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