



10dB Directional Coupler for 2-40 GHz 20 Watts Power Rating LT-DC Series

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-020400K
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



Product Specification

- Highlight: **LT-DC Series Directional Coupler, 20 Watts Directional Coupler, 2-40 GHz Directional Coupler**

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Product Overview

The LT-DC10-020400K is a high-performance 10dB directional coupler designed for applications requiring precise signal sampling across a broad frequency spectrum from 2 to 40 GHz.

Key Features

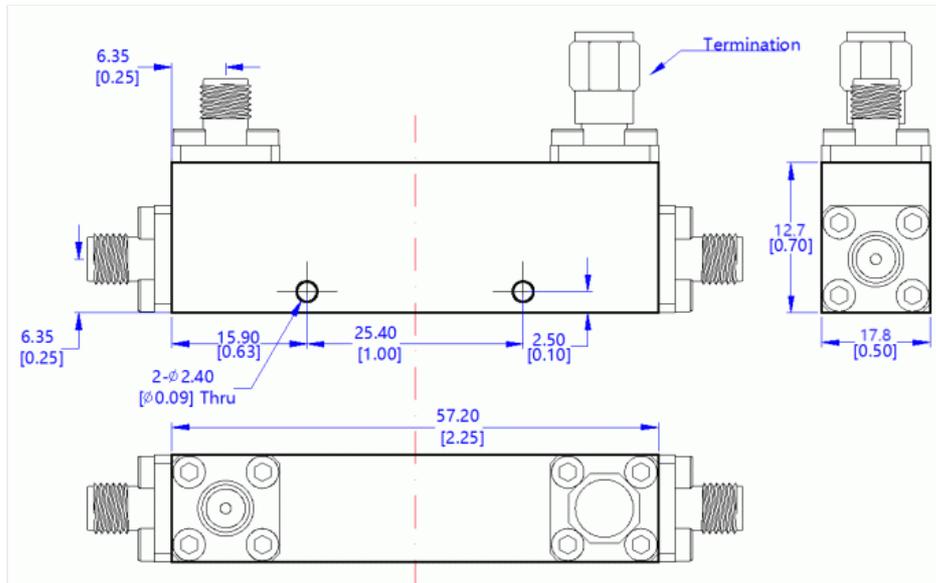
- 10dB coupling with ± 0.7 dB tolerance
- Broad frequency range: 2 to 40 GHz
- Excellent directivity > 10 dB
- Low VSWR < 1.7:1
- High power handling: 20 Watts (CW)
- 2.92mm female connectors
- Compact dimensions: 57.2x17.8x12.7 mm
- Compliance with CE, RoHS, and REACH standards
- 1-year manufacturer warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-020400K	
Frequency Range	2 to 40 GHz	
Coupling	10 \pm 0.7 dB	
Impedance	50 Ohms	
Main Line VSWR	1.7:1 Max.	
Coupling VSWR	1.7:1 Max.	
Insertion Loss	2.1 dB Max.	
Frequency Balance	1.6 dB Max.	
Directivity	10 dB Min.	
Input Power	20 W	
Connectors	2.92mm Female	
Weight	80 g	
Dimensions	57.2x17.8x12.7 mm	

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

Mechanical Outline



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