



20 Watts LT-DC Series 13dB Directional Coupler for High Frequency Applications

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC13-020400K
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



Product Specification

- Highlight: **High Frequency Directional Coupler,
20 Watts Directional Coupler,
13dB Directional Coupler**

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Product Overview

The LT-DC13-020400K is a high-performance 13dB directional coupler designed for demanding high frequency applications from 2 to 40 GHz. This precision component features excellent directivity and low VSWR, making it ideal for test and measurement systems.

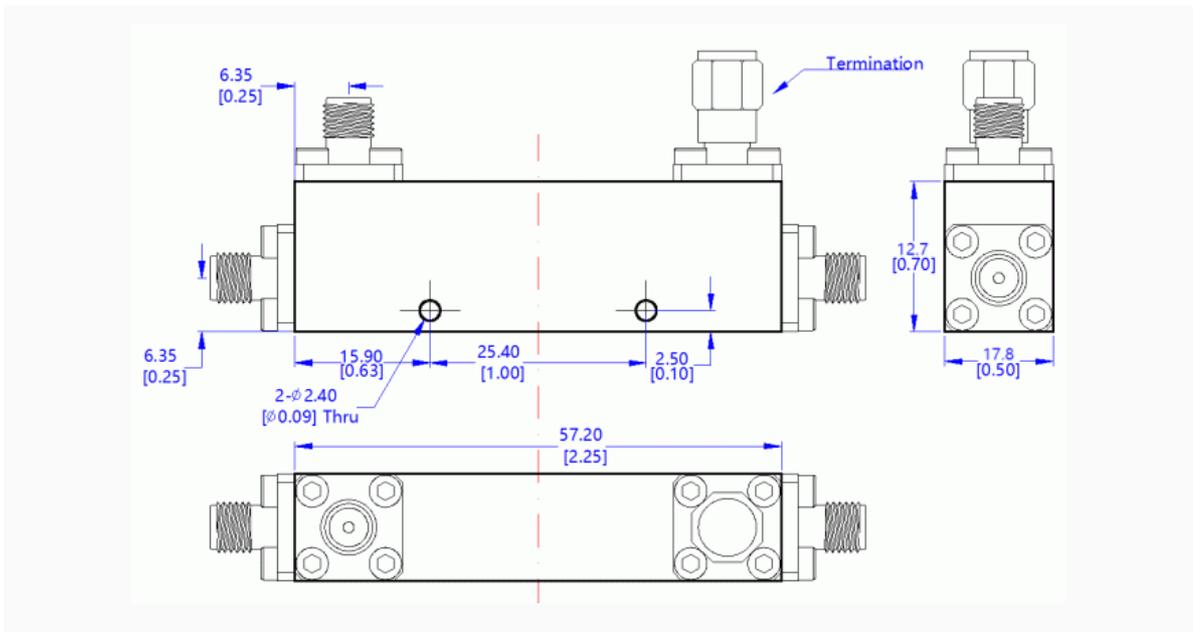
Key Features

- 13dB Directional Coupler with ± 0.7 dB coupling tolerance
- Broad frequency range: 2 to 40 GHz
- High directivity > 10 dB
- Low VSWR < 1.7:1
- Handles up to 20 Watts (CW) power
- 2.92mm Female connectors
- Compact dimensions: 57.2x17.8x12.7 mm
- Compliant with CE, RoHS, and REACH standards
- Backed by 1-year warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC13-020400K	
Frequency Range	2 to 40 GHz	
Coupling	13 \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	
Dimension	57.2x17.8x12.7 mm	

Outline Drawing



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

 **Sichuan ZR Hi-Tech Ltd.**

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