

## 20W LT-DC Series 16dB Directional Coupler Ideal for 2-40 GHz Frequency Band

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC16-020400K
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



### Product Specification

- Highlight: **16dB Directional Coupler,  
20W Directional Coupler,  
2-40 GHz Directional Coupler**

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## 20W LT-DC Series 16dB Directional Coupler for 2-40 GHz Frequency Band

### Product Overview

The LT-DC16-020400K is a high-performance 16dB directional coupler designed for applications in the 2 to 40 GHz frequency range. With excellent directivity and low VSWR, this coupler is ideal for precise signal sampling in test and measurement systems.

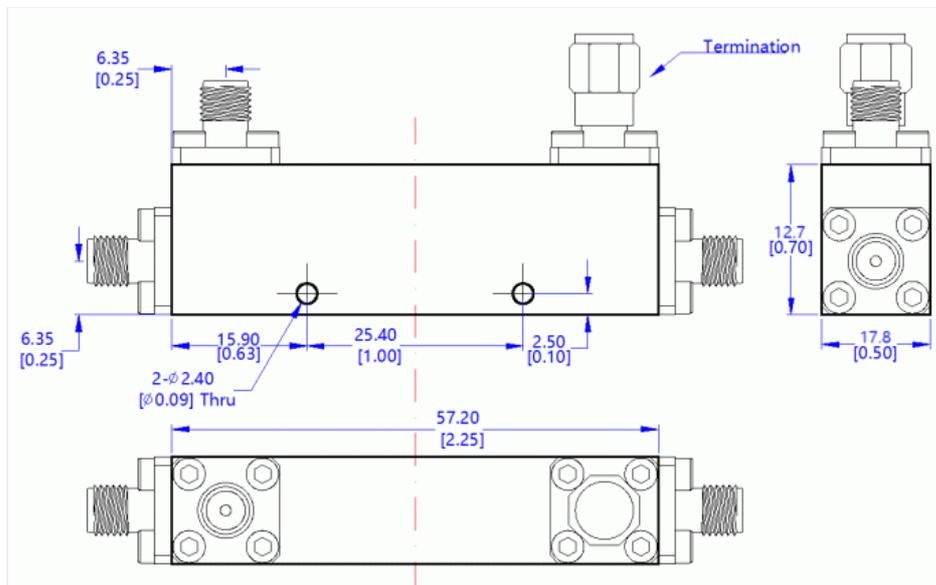
### Key Features

- 16dB coupling with  $\pm 0.8$  dB tolerance
- Broadband operation from 2 to 40 GHz
- Excellent directivity > 10 dB
- Low VSWR < 1.7:1
- Handles up to 20 Watts (CW)
- 2.92mm female connectors
- Compact dimensions: 57.2x17.8x12.7 mm
- Compliance with CE, RoHS, and REACH standards
- Backed by 1-year warranty

### Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC16-020400K	
Frequency Range	2 to 40 GHz	
Coupling	16 $\pm$ 0.8 dB	
Impedance	50 Ohms	
Main Line VSWR	1.7:1 Max.	
Coupling VSWR	1.7:1 Max.	
Insertion Loss	1.6 dB Max.	
Frequency Balance	1.8 dB Max.	
Directivity	10 dB Min.	
Input Power	20 W	
Connectors	2.92mm Female	
Weight	65 g	
Dimensions	57.2x17.8x12.7 mm	

### Mechanical Drawing



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

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