



1 to 40 GHz 20 Watts LT-DC Series 13dB Directional Coupler

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC13-010400K
- 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,
13dB Directional Coupler**

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1 to 40 GHz 20 Watts LT-DC Series 13dB Directional Coupler

Product Overview

The LT-DC13-010400K from ZR is a high-performance 13dB directional coupler operating from 1 to 40 GHz. Designed for precision applications, it handles up to 20 Watts (CW) with excellent 10 dB directivity and 1.6:1 VSWR. The unit features 2.92mm female connectors and complies with REACH and RoHS environmental standards.

Key Features

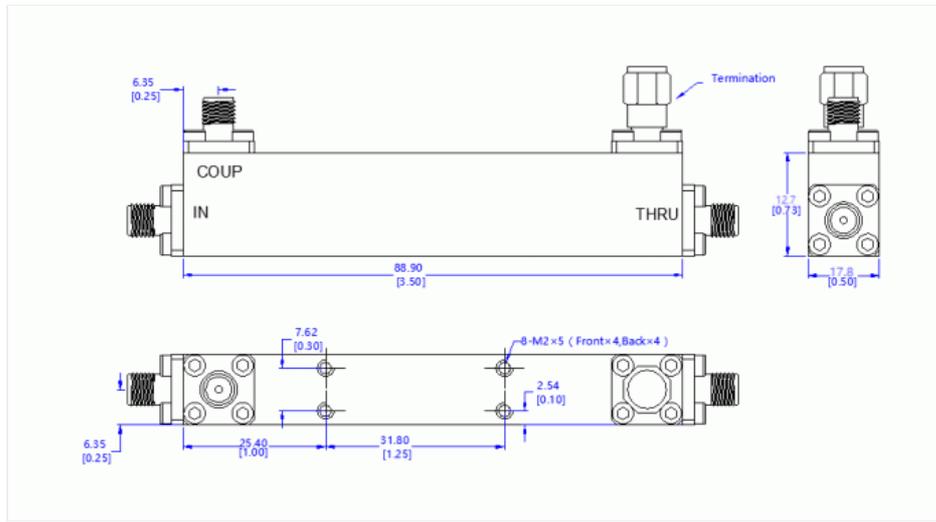
- 13dB Directional Coupler with ± 1.0 dB coupling accuracy
- Broad frequency range: 1 to 40 GHz
- Excellent directivity > 10 dB
- Low VSWR < 1.6:1
- High power handling: 20 Watts (CW)
- 2.92mm female connectors
- Compliance: CE, RoHS, REACH
- 1-year manufacturer warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC13-010400K	
Frequency Range	1 to 40 GHz	
Coupling	13 \pm 1.0 dB	
Impedance	50 Ohms	
Main Line VSWR	1.6:1 Max.	
Coupling VSWR	1.6:1 Max.	
Insertion Loss	2.5 dB Max.	
Frequency Balance	2.0 dB Max.	
Directivity	10 dB Min.	
Input Power	20 W	
Connectors	2.92mm Female	
Weight	80 g	
Dimensions	88.9 × 17.8 × 12.7 mm	

Note: Custom specifications available upon request. Please contact us for details.

Outline Drawing



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