

1 to 32 GHz 20 Watts LT-DC Series 10dB Directional Coupler

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-010320K-1
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



LT-DC10-010320K-1

Product Specification

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Product Description

1 to 32 GHz 20 Watts LT-DC Series 10dB Directional Coupler

Product Overview

The LT-DC10-010320K-1 is a high-performance 10dB directional coupler designed for applications requiring precise signal sampling across a broad frequency spectrum from 1 to 32 GHz.

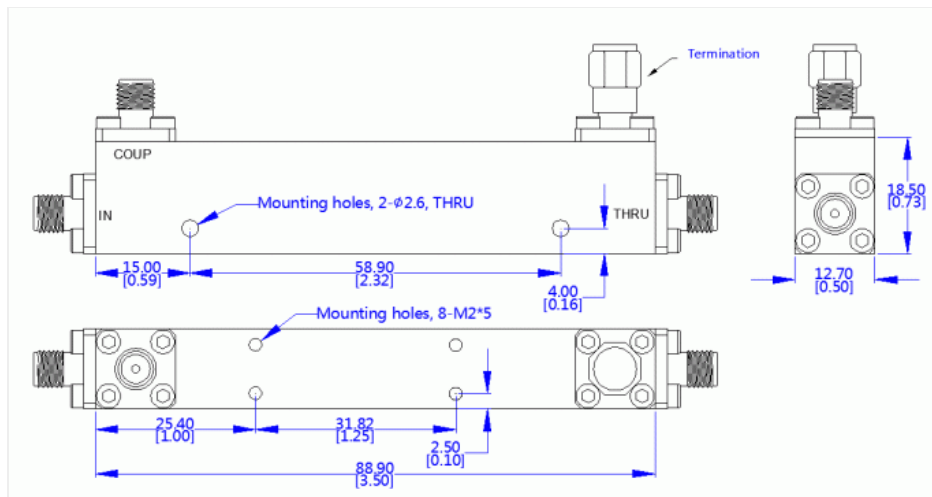
Key Features

- **10dB Directional Coupler** with excellent signal isolation
- **Broad frequency range:** 1 to 32 GHz operation
- **High directivity:** >12 dB minimum
- **Low VSWR:** <1.6:1 for optimal signal integrity
- **Precision coupling:** 10±0.6 dB accuracy
- **High power handling:** 20 Watts (CW) maximum
- Compliant with **CE, RoHS, and REACH** standards
- Backed by a **1-year warranty**

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-010320K-1	
Frequency Range	1 to 32 GHz	
Coupling	10±0.6 dB	
Impedance	50 Ohms	
Main Line VSWR	1.6:1 Max.	
Coupling VSWR	1.6:1 Max.	
Insertion Loss	2.7 dB Max.	
Frequency Balance	1.6 dB Max.	
Directivity	12 dB Min.	
Input Power	20 W	
Connectors	2.92mm Female	
Weight	80 g	
Dimensions	88.9×12.7×18.5 mm	

Mechanical Outline



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

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