



10 to 15 GHz 20 Watts LT-DC Series 10dB Directional Coupler for Precise Signal Splitting

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-100150S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



Product Specification

- Highlight: 20 Watts Directional Coupler,
10 to 15 GHz Directional Coupler,
Precise Signal Splitting Directional Coupler

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Product Description

10 to 15 GHz 20 Watts LT-DC Series 10dB Directional Coupler for Precise Signal Splitting

Product Overview

The LT-DC10-100150S is a high-performance 10dB directional coupler designed for precise signal splitting applications in the 10 to 15 GHz frequency range.

Key Features

- 10dB directional coupling with ± 0.5 dB accuracy
- Excellent directivity > 13 dB
- Broad frequency range: 10 to 15 GHz
- Low VSWR < 1.5:1
- High power handling: 20 Watts (CW)
- SMA female connectors
- Compliance with CE, RoHS, and REACH standards
- Backed by 1-year warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-100150S	
Frequency Range	10 to 15 GHz	
Coupling	10 \pm 0.5 dB	
Impedance	50 Ohms	
Main Line VSWR	1.5:1 Max.	
Coupling VSWR	1.5:1 Max.	
Insertion Loss	1.2 dB Max.	
Frequency Balance	1.2 dB Max.	
Directivity	13 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	45 g	
Dimensions	31.8 \times 15.9 \times 12.7 mm	

Mechanical Outline

