



## LT-DC Series 10dB Directional Coupler 6-24 GHz with 20 Watts

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-060240S
- 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, 6-24 GHz Directional Coupler**

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## LT-DC Series 10dB Directional Coupler 6-24 GHz with 20 Watts

### Product Overview

The LT-DC10-060240S is a high-performance 10dB directional coupler operating from 6 to 24 GHz, designed for precision RF applications requiring reliable signal sampling with minimal interference.

### Key Features

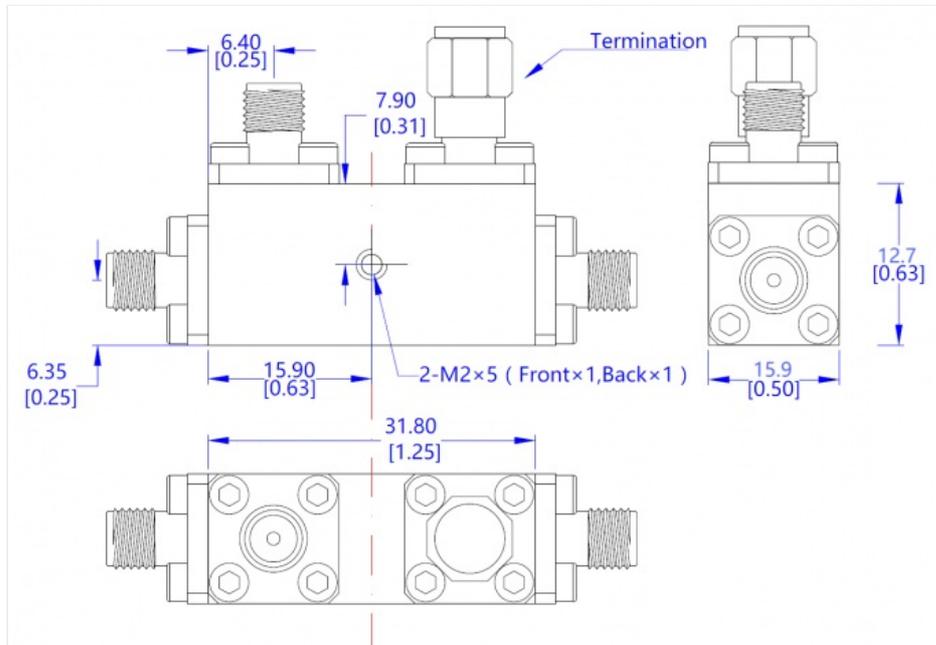
- 10dB Directional Coupler with  $\pm 0.5$ dB coupling accuracy
- Broad frequency range: 6 to 24 GHz
- Excellent directivity > 13 dB
- Low VSWR < 1.4:1 for minimal signal reflection
- High power handling: 20 Watts (CW)
- SMA Female connectors for secure connections
- Compact dimensions: 31.8×15.9×12.7 mm
- Compliance with CE, RoHS, and REACH standards
- Backed by 1-year warranty

### Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-060240S	
Frequency Range	6 to 24 GHz	
Coupling	10±0.5 dB	
Impedance	50 Ohms	
Main Line VSWR	1.4:1 Max.	
Coupling VSWR	1.4:1 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	
Dimension	31.8×15.9×12.7 mm	

*Note: Custom specifications available upon request.*

### Product Diagram



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