



LT-DC Series 20dB Directional Coupler 50 Watts Ideal for 2-18 GHz Frequency Range

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC20-020180S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



Product Specification

- Highlight: 50 Watts Directional Coupler,
2-18 GHz Directional Coupler,
20dB Directional Coupler

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Quick Features

- 20dB Directional Coupler** with excellent performance characteristics
- Directivity > 12 dB** for precise signal measurement
- 2 to 18 GHz Frequency Range** covering wide bandwidth applications
- Low VSWR < 1.5:1** ensuring minimal signal reflection
- Coupling 20±1.0 dB** with tight tolerance
- Max Power 50 Watts (CW)** for high-power applications
- Compliance with **CE, RoHS, REACH** standards
- 1 Year Warranty** for quality assurance

Product Description

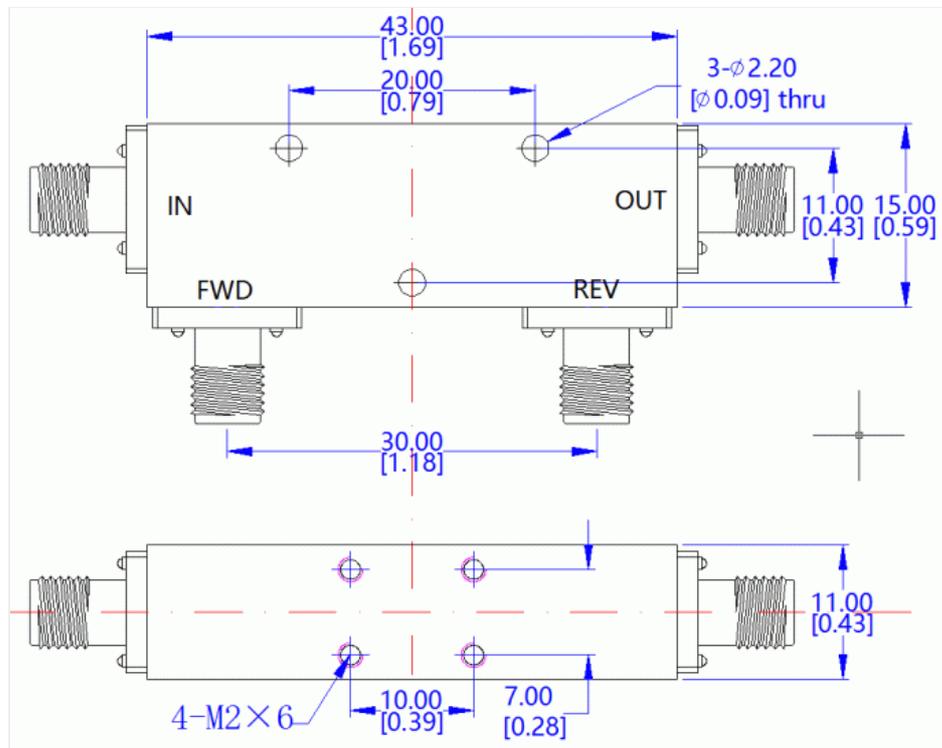
The LT-DC20-020180S directional coupler delivers reliable performance across a broad 2 to 18 GHz frequency range. Engineered for precision, it features 20±1.0 dB coupling with minimum 12 dB directivity and maximum 1.5:1 VSWR. The robust design supports continuous wave power up to 50 Watts, with SMA female connectors for secure connections. This RoHS and REACH compliant component comes with a 1-year warranty.

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC20-020180S	
Frequency Range	2 to 18 GHz	
Coupling	20±1.0 dB	
Impedance	50 Ohms	
Main Line VSWR	1.5:1 Max.	
Coupling VSWR	1.5:1 Max.	
Insertion Loss	1.0 dB Max.	
Frequency Balance	2.0 dB Max.	
Directivity	12 dB Min.	
Input Power	50 W	
Connectors	SMA Female	
Dimensions	43×15×11 mm	

For custom specifications or special requirements, please contact our technical team.

Mechanical Outline



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