

20 Watts LT-DC Series 30dB Directional Coupler Ideal for 0.4 to 20 GHz Range

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC30-004200S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



Product Specification

- Highlight: 0.4 to 20 GHz Directional Coupler,
20 Watts Directional Coupler,
30dB Directional Coupler

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Product Description

20 Watts LT-DC Series 30dB Directional Coupler Ideal for 0.4 to 20 GHz Range

Product Overview

The LT-DC30-004200S is a high-performance 30dB directional coupler designed for applications requiring precise signal sampling across a broad frequency spectrum from 0.4 to 20 GHz.

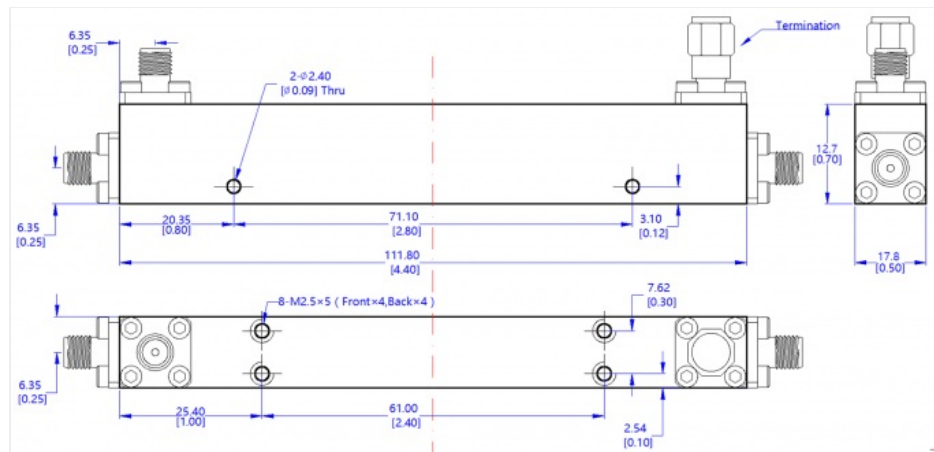
Key Features

- 30dB Directional Coupler with ± 1.0 dB coupling accuracy
- Broad frequency range: 0.4 to 20 GHz
- Excellent directivity: >14 dB
- Low VSWR: <1.35:1
- High power handling: 20 Watts (CW)
- SMA Female connectors
- Compliance: CE, RoHS, REACH
- 1-year manufacturer warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC30-004200S	
Frequency Range	0.4 to 20 GHz	
Coupling	30 \pm 1.0 dB	
Impedance	50 Ohms	
Main Line VSWR	1.35:1	
Coupling VSWR	1.4:1 Max.	
Insertion Loss	0.9 dB	
Frequency Balance	2.0 dB	
Directivity	14 dB	
Input Power	20 W	
Connectors	SMA Female	
Weight	105 g	
Dimensions	111.8 \times 17.8 \times 12.7 mm	

Outline Drawing



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

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