



High Power 20 Watts LT-DC Series 10dB Directional Coupler for 0.5 to 20 GHz

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-005200S
- 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,
10dB Directional Coupler**

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High Power 20 Watts LT-DC Series 10dB Directional Coupler for 0.5 to 20 GHz

Product Overview

The LT-DC10-005200S is a high-performance 10dB directional coupler designed for RF applications from 0.5 to 20 GHz frequency range. With excellent directivity and low VSWR, this coupler delivers reliable signal sampling while maintaining signal integrity.

Key Features

Frequency Range: 0.5 to 20 GHz

Coupling: 10±0.8 dB

Directivity: >15 dB

VSWR: <1.4:1

Max Power Handling: 20 Watts (CW)

Connectors: SMA Female

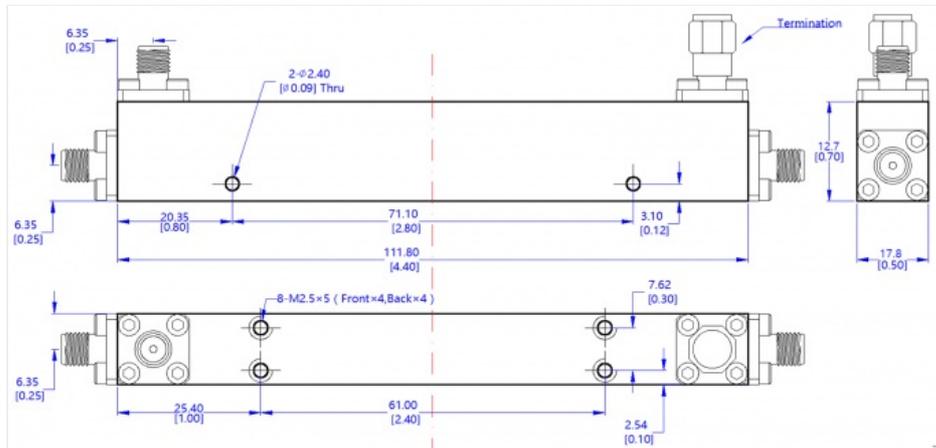
Compliance: CE, RoHS, REACH

Warranty: 1 Year

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-005200S	
Frequency Range	0.5 to 20 GHz	
Coupling	10±0.5 dB	
Impedance	50 Ohms	
Main Line VSWR	1.4:1 Max.	
Coupling VSWR	1.4:1 Max.	
Insertion Loss	1.7 dB Max.	
Frequency Balance	1.6 dB Max.	
Directivity	15 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	100 g	
Dimension	111.8×17.8×12.7 mm	

Outline Drawing



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

 **ZRHITECH Sichuan ZR Hi-Tech Ltd.**

☎ 17342580638 ✉ info@zrhitech.com 🌐 zrhitech.com

Room 507, Advanced Technology Achievement Western Transformation Center, No. 36 Xingke South Road,
Jinniu District, Chengdu, Sichuan, China