

20 Watts LT-DC Series 20dB Directional Coupler 0.5-40 GHz Perfect for RF Testing and Analysis

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC20-005400K
- 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,
0.5-40 GHz Directional Coupler,
20dB Directional Coupler

Product Description

20 Watts LT-DC Series 20dB Directional Coupler 0.5-40 GHz

Perfect for RF Testing and Analysis

Product Overview

0.5 to 40 GHz 20dB Directional Coupler designed for precision RF applications with high power handling capability.

Key Features

- 20dB Directional Coupler with excellent performance
- Directivity > 10 dB for accurate signal measurement
- Broad frequency range: 0.5 to 40 GHz
- Low VSWR < 1.7:1 for minimal signal reflection
- Precision coupling: 20±1.0 dB
- High power handling: 20 Watts (CW)
- Compliant with CE, RoHS, and REACH standards
- Backed by 1-year warranty

Product Description

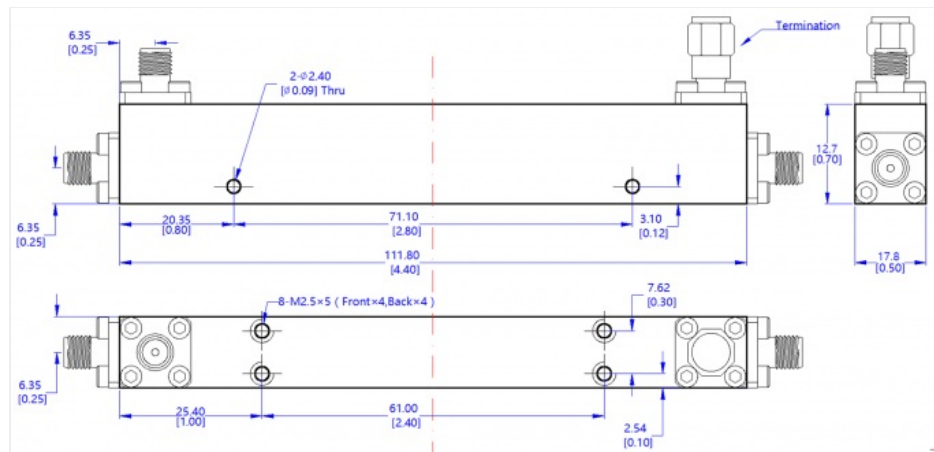
The LT-DC20-005400K directional coupler offers exceptional performance from 0.5 to 40 GHz with 20 Watt (CW) power handling. Featuring 10 dB minimum directivity and 1.7:1 maximum VSWR, this unit comes with 2.92mm Female connectors and meets REACH and RoHS compliance standards.

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC20-005400K	
Frequency Range	0.5 to 40 GHz	
Coupling	20±1.0 dB	
Impedance	50 Ohms	
Main Line VSWR	1.7:1 Max.	
Coupling VSWR	1.7:1 Max.	
Insertion Loss	2.9 dB Max.	
Frequency Balance	2.6 dB Max.	
Directivity	10 dB Min.	
Input Power	20 W	
Connectors	2.92mm Female	
Weight	100 g	
Dimension	111.8x17.8x12.7 mm	

Note: Custom specifications available upon request.

Outline Drawing



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