



20 Watts LT-DC Series 20dB Directional Coupler 0.5 to 8 GHz Professional Grade

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC20-005080S
- 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, Professional Grade Directional Coupler, 0.5 to 8 GHz Directional Coupler**

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Product Overview

The **LT-DC20-005080S** is a professional-grade 20dB directional coupler operating from 0.5 to 8 GHz, designed for high-performance RF applications with excellent directivity and low VSWR characteristics.

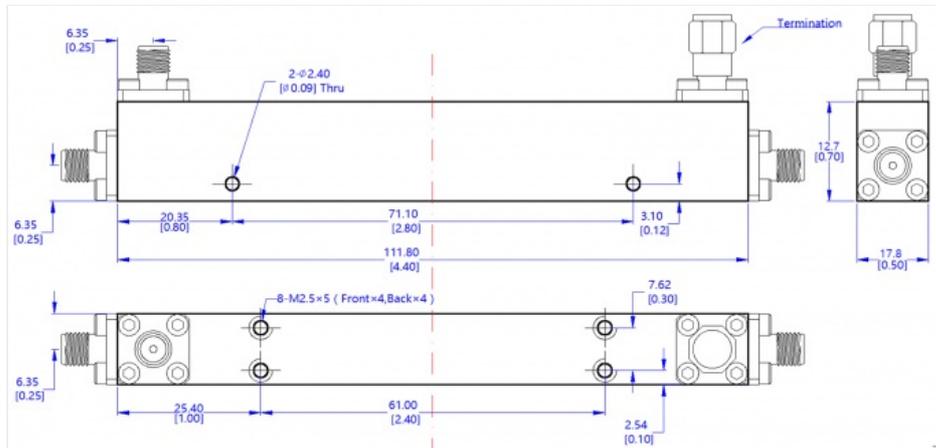
Key Features

- 20dB Directional Coupler with >20dB directivity
- Broad frequency range: 0.5 to 8 GHz
- Low VSWR: <1.3:1
- Precise coupling: 20±0.5 dB
- 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-DC20-005080S	
Frequency Range	0.5 to 8 GHz	
Coupling	20±0.5 dB	
Impedance	50 Ohms	
Main Line VSWR	1.3:1 Max.	
Coupling VSWR	1.3:1 Max.	
Insertion Loss	0.8 dB Max.	
Frequency Balance	1.6 dB Max.	
Directivity	20 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	100 g	
Dimensions	111.8×17.8×12.7 mm	

Mechanical Drawing



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

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