

25-27 GHz 20 Watts LT-DC Series 6dB Directional Coupler for High Frequency Applications

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC6-250270S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



LT-DC6-250270S

Product Specification

- Highlight: High Frequency Directional Coupler,
20 Watts Directional Coupler,
25-27 GHz Directional Coupler

Product Description

25-27 GHz 20 Watts LT-DC Series 6dB Directional Coupler for High Frequency Applications

Product Overview

The LT-DC6-250270S is a high-performance 6dB directional coupler designed for 25 to 27 GHz frequency range applications, capable of handling up to 20 Watts (CW) with excellent directivity and low VSWR.

Key Features

6dB Directional Coupler with ± 0.5 dB coupling accuracy

Frequency range: 25 to 27 GHz

Minimum directivity: 18 dB

Maximum VSWR: 1.5:1

Maximum power handling: 20 Watts (CW)

SMA Female connectors

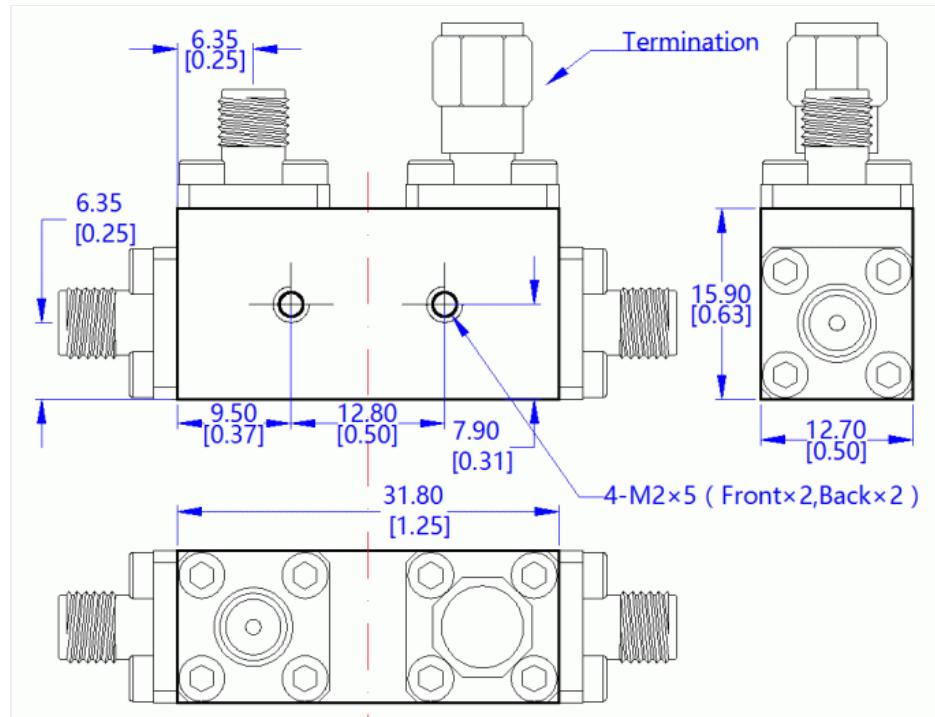
Compliance: CE, RoHS, REACH

1-year warranty

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC6-250270S	
Frequency Range	25 to 27 GHz	
Coupling	6 ± 0.5 dB	
Impedance	50 Ohms	
Main Line VSWR	1.5:1 Max.	
Coupling VSWR	1.5:1 Max.	
Insertion Loss	2.2 dB Max.	
Frequency Balance	0.8 dB Max.	
Directivity	18 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	50 g	
Dimensions	31.8x12.7x15.9 mm	

Mechanical Drawing



Note: Custom specifications available upon request. Please contact us for specialized requirements.



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