

25.5-27 GHz 20W LT-DC Series 6dB Directional Coupler for RF Power Distribution

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC6-255270S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



Product Specification

- Highlight: 20W Directional Coupler,
25.5-27 GHz Directional Coupler,
RF Power Distribution Directional Coupler

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Product Description

25.5-27 GHz 20W LT-DC Series 6dB Directional Coupler for RF Power Distribution

Product Overview

The LT-DC6-255270S is a high-performance 6dB directional coupler operating in the 25.5 to 27 GHz frequency range, designed for precise RF power distribution applications.

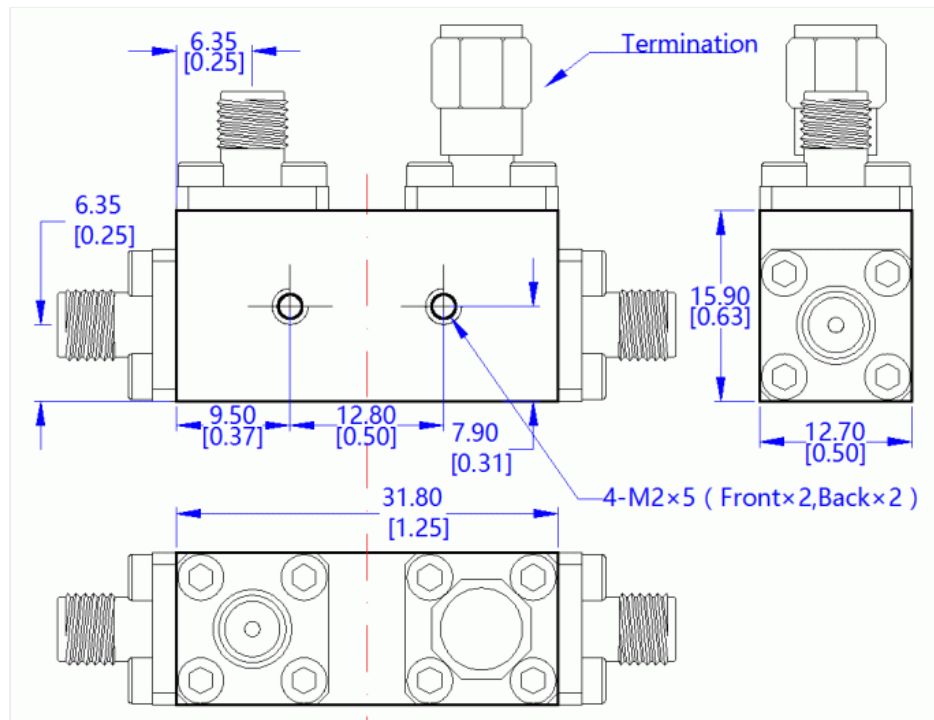
Key Features

- 6dB Directional Coupler** with excellent signal integrity
- Frequency Range:** 25.5 to 27 GHz
- Directivity:** > 15 dB
- VSWR:** < 1.5:1
- Coupling:** 6±0.5 dB
- Max Power Handling:** 20 Watts (CW)
- Compliance:** CE, RoHS, REACH
- Warranty:** 1 Year

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC6-255270S	
Frequency Range	25.5 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	2.3 dB Max.	
Frequency Balance	0.8 dB Max.	
Directivity	15 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	50 g	
Dimensions	31.8×12.7×15.9 mm	

Mechanical Outline



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

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