

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



LT-DC6-255270S

Product Specification

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

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)

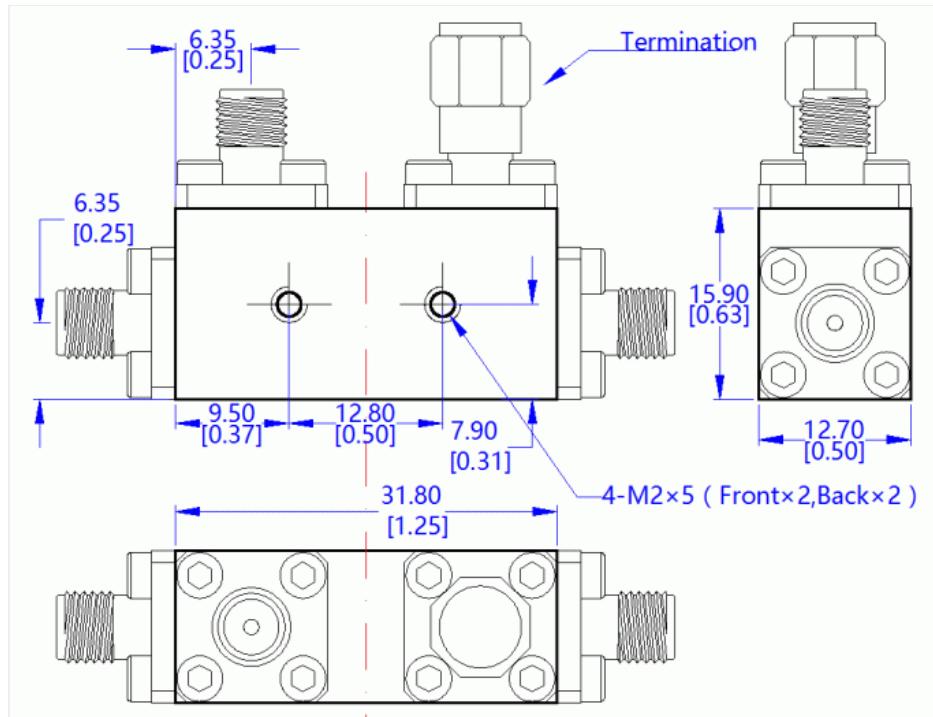
Compliance: CE, RoHS, REACH

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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