



## 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



### Product Specification

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

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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  $\pm 0.5$  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 $\pm$ 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	31.8 $\times$ 12.7 $\times$ 15.9 mm	

Mechanical Drawing

