

## 2-8 GHz 50 Watts LT-DC Series Directional Coupler Ideal for RF Testing and Measurement

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC10-020080S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



### Product Specification

- Highlight: **RF Testing Directional Coupler,  
2-8 GHz Directional Coupler,  
50 Watts Directional Coupler**

for more products please visit us on [zrhitech.com](http://zrhitech.com)

## 2-8 GHz 50 Watts LT-DC Series Directional Coupler

### Ideal for RF Testing and Measurement

#### Quick Features

- 10dB Directional Coupler
- Directivity > 20 dB
- 2 to 8 GHz Frequency Range
- Lost VSWR < 1.4:1
- Coupling 10±0.5 dB
- Max Power 50 Watts (CW)
- CE, RoHS, REACH compliant
- 1 Year Warranty

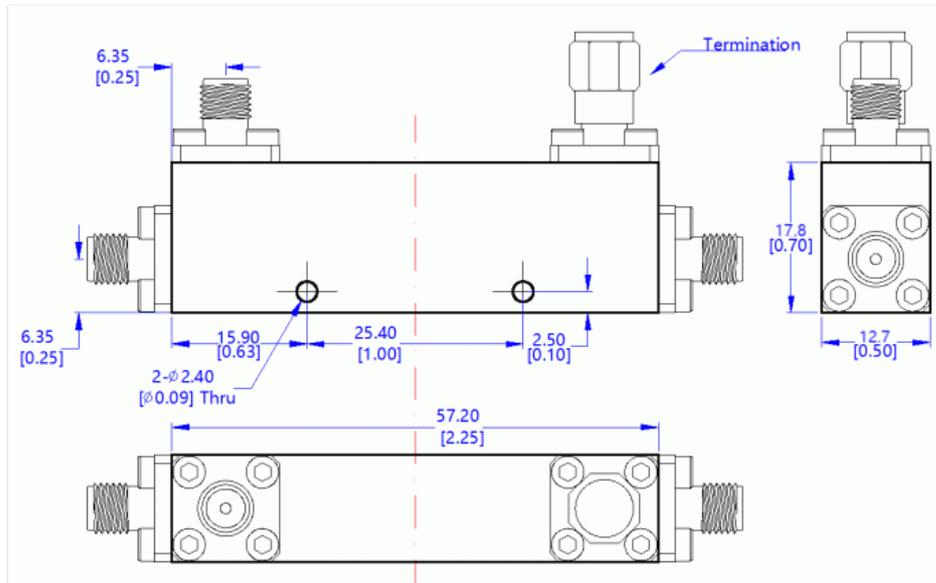
#### Product Description

The LT-DC10-020080S from ZR is a high-performance 10dB Directional Coupler operating from 2 to 8 GHz. Capable of handling up to 50 Watts (CW), it features minimum 20 dB directivity and maximum 1.4:1 VSWR. The unit comes with SMA Female connectors and complies with REACH and RoHS standards.

#### Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC10-020080S	
Frequency Range	2 to 8 GHz	
Coupling	10±0.5 dB	
Impedance	50 Ohms	
Main Line VSWR	1.4:1 Max.	
Coupling VSWR	1.4:1 Max.	
Insertion Loss	0.8 dB Max.	
Frequency Balance	0.6 dB Max.	
Directivity	20 dB Min.	
Input Power	50 W	
Connectors	SMA Female	
Weight	55 g	
Dimension	57.2x12.7x17.8 mm	

#### Outline Drawing



Note: For custom specifications, please contact us directly.

 **ZRHITECH** Sichuan ZR Hi-Tech Ltd.

 17342580638

 info@zrhitech.com

 zrhitech.com

Room 507, Advanced Technology Achievement Western Transformation Center, No. 36 Xingke South Road,  
Jinniu District, Chengdu, Sichuan, China