

## 2 to 50 GHz 20 Watts LT-DC Series 20dB Directional Coupler

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC20-02050024
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



LT-DC20-02050024

### Product Specification

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

## Product Description

### 2 to 50 GHz 20dB Directional Coupler

#### Quick Detail:

- 20dB Directional Coupler
- Directivity > 9 dB
- 2 to 50 GHz Frequency Range
- Loss VSWR < 1.9:1
- Coupling  $20 \pm 1.2$  dB
- Max Power 20 Watts(CW)
- CE, RoHS, REACH compliant
- 1 Year Warranty

#### Description:

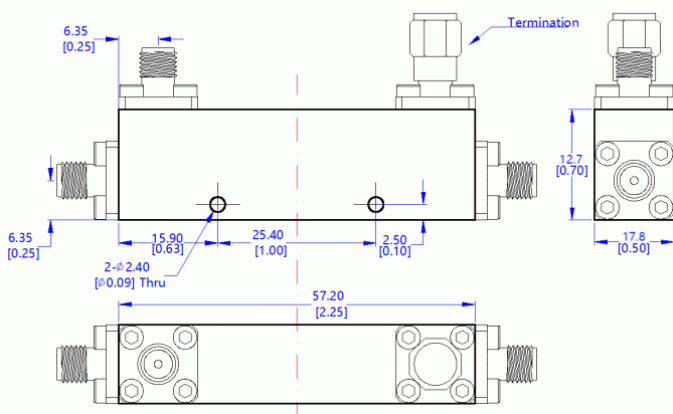
The LT-DC20-02050024 from ZR is a 20dB Directional Coupler that operates from 2 to 50 GHz and can handle up to 20 Watt (CW) with 9 dB directivity min and 1.9:1 VSWR max. The package interface uses 2.4mm Female connectors and is REACH and RoHS compliant. More details for LT-DC20-02050024 can be seen below.

#### Specifications:

##### Electrical / Optical Characteristics (Ta=25°C±3°C)

| Items  | Specification     | Conditions |
|--|-------------------|------------|
| Part Number  | LT-DC20-02050024  |            |
| Frequency Range  | 2 to 50 GHz       |            |
| Coupling   | $20 \pm 1.2$ dB   |            |
| Impedance  | 50 Ohms           |            |
| Main Line VSWR   | 1.9:1 Max.        |            |
| Coupling VSWR  | 1.9:1 Max.        |            |
| Insertion Loss   | 1.8 dB Max.       |            |
| Frequency Balance  | 3.0 dB Max.       |            |
| Directivity  | 9 dB Min.         |            |
| Input Power  | 20 W              |            |
| Connectors   | 2.4mm Female      |            |
| Weight   | 80 g              |            |
| Dimension  | 57.2*17.8*12.7 mm |            |
| <b>Note: for custom specs, please contact us directly.</b> |                   |            |

#### Outline Drawing (Unit: mm):



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