



## 20 Watts LT-DC Series 30dB Directional Coupler for 6-40 GHz Frequency Range

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC30-060400K
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



### Product Specification

- Highlight: 20 Watts Directional Coupler,  
6-40 GHz Directional Coupler,  
30dB Directional Coupler

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## 20 Watts LT-DC Series 30dB Directional Coupler for 6-40 GHz Frequency Range

### Product Overview

The LT-DC30-060400K is a high-performance 30dB directional coupler operating from 6 to 40 GHz, capable of handling up to 20 Watts (CW) with excellent directivity and low VSWR. Featuring 2.92mm female connectors, this coupler is compliant with CE, RoHS, and REACH standards.

### Key Features

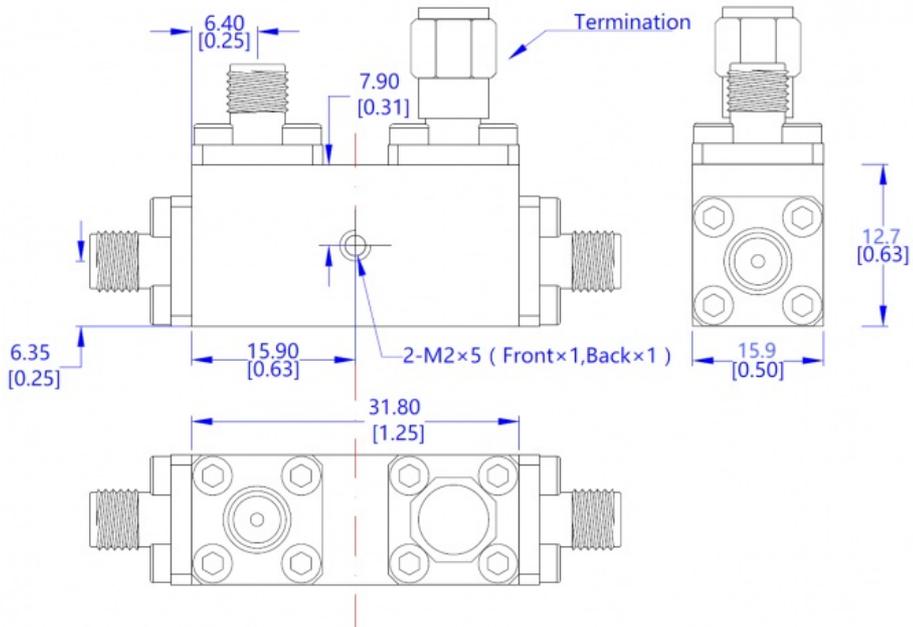
- 30dB Directional Coupler with  $\pm 1.0$  dB coupling accuracy
- Broad frequency range: 6 to 40 GHz
- Excellent directivity > 10 dB
- Low VSWR < 1.7:1
- High power handling: 20 Watts (CW)
- Compact dimensions: 31.8×15.9×12.7 mm
- 2.92mm female connectors
- CE, RoHS, and REACH compliant
- 1-year warranty

### Technical Specifications

| Parameter         | Specification     | Conditions |
|-------------------|-------------------|------------|
| Part Number       | LT-DC30-060400K   |            |
| Frequency Range   | 6 to 40 GHz       |            |
| Coupling          | 30±1.0 dB         |            |
| Impedance         | 50 Ohms           |            |
| Main Line VSWR    | 1.7:1 Max.        |            |
| Coupling VSWR     | 1.7:1 Max.        |            |
| Insertion Loss    | 1.0 dB Max.       |            |
| Frequency Balance | 1.8 dB Max.       |            |
| Directivity       | 10 dB Min.        |            |
| Input Power       | 20 W              |            |
| Connectors        | 2.92mm Female     |            |
| Weight            | 45 g              |            |
| Dimensions        | 31.8×15.9×12.7 mm |            |

Note: Custom specifications available upon request.

### Outline Drawing



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