# 17.7 to 21.2 GHz 20 Watts LT-DC Series 20dB Directional Coupler

## **Basic Information**

Place of Origin: CHINA
 Brand Name: ZR Hi-Tech
 Model Number: LT-DC20-177212S

Minimum Order Quantity:

Packaging Details: carton packing
Delivery Time: 4 weeks
Payment Terms: T/T,D/A,D/P



# Product Specification

#### **Product Description**

#### 17.7 to 21.2 GHz 20dB Directional Coupler

#### Quick Detail:

- · 20dB Directional Coupler
- $\cdot$  Directivity > 14 dB
- · 17.7 to 21.2 GHz Frequency Range
- · Lost VSWR < 1.4:1
- · Coupling 20±0.5 dB
- · Max Power 20 Watts(CW)
- · CE, RoHS, REACH compliant
- · 1 Year Warranty

#### **Description:**

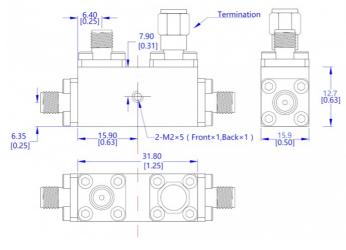
The LT-DC20-177212S from ZR is a 20dB Directional Coupler that operates from 17.7 to 21.2 GHz and can handle up to 20 Watt (CW) with 14 dB directivity min and 1.4:1 VSWR max, The package interface uses SMA Female connectors and is REACH and RoHS compliant. More details for LT-DC20-177212S can be seen below.

#### Specifications:

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

| Items                 | Specification                 | Conditions |
|-----------------------|-------------------------------|------------|
| Part Number           | LT-DC20-177212S               |            |
| Frequency Range       | 17.7 to 21.2 GHz              |            |
| Coupling              | 20±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     | 1.0 dB Max.                   |            |
| Directivity           | 14 dB Min.                    |            |
| Input Power           | 20 W                          |            |
| Connectors            | SMA Female                    |            |
| Weight                | 45 g                          |            |
| Dimension             | 31.8x15.9x12.7 mm             |            |
| Note: for custom spec | s, please contact us directly | •          |

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



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