

## 43.1 to 47.1 GHz 20 Watt LT-PD Series 2-Way Power Divider

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-tech
- Model Number: LT-PD-2S-431471
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: D/A,D/P,T/T



**LT-PD-2S-431471**

#### Product Specification

- Highlight: 43.1 to 47.1 GHz Power Divider

## Product Description

### 43.1 to 47.1 GHz 2-Way Power Divider

#### Quick Detail:

- 2-Way Power Divider
- Stripline Design
- -55°C~+85°C operating temperature
- 43.1 to 47.1 GHz Frequency Range
- Max Power 20 Watt
- Insertion Loss < 1.8 dB
- Isolation > 20 dB
- CE, RoHS, REACH compliant
- 1 Year Warranty

#### Description:

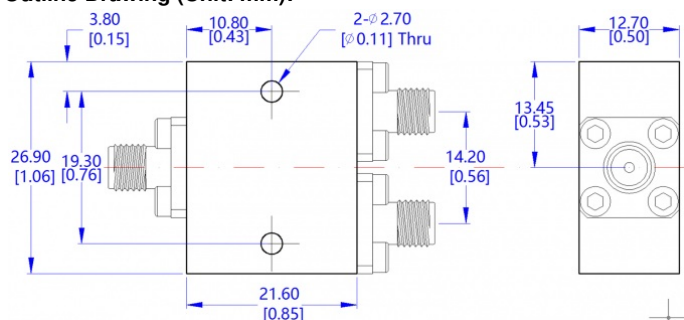
The LT-PD-2S-431471 from ZR is a 2-way power divider that operates from 43.1 to 47.1 GHz and can handle up to 20 Watt (CW) with 1.8 dB max insertion loss and 20 dB min isolation. The package interface uses 2.92mm-Female connectors and is REACH and RoHS compliant. More details for LT-PD-2S-431471 can be seen below.

#### Specifications:

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

| Items  | Specification     | Conditions                            |
|--|-------------------|---------------------------------------|
| Part Number  | LT-PD-2S-431471   |                                       |
| Frequency Range  | 43.1 to 47.1 GHz  |                                       |
| Impedance  | 50 Ohms           |                                       |
| Input VSWR   | 1.6:1 Max.        |                                       |
| Output VSWR  | 1.6:1 Max.        |                                       |
| Insertion Loss   | 1.8 dB Max.       | Excluding Nominal Splitter Loss 3.0dB |
| Isolation  | 20 dB Min.        |                                       |
| Amplitude Balance  | 0.4 dB Max.       |                                       |
| Phase Balance  | 6 Degrees Max.    |                                       |
| Input Power  | 20 kW             |                                       |
| Connectors   | 2.92mm-Female     |                                       |
| Dimension  | 21.6x26.9x12.7 mm |                                       |
| <b>Note: for custom specs, please contact us directly.</b> |                   |                                       |

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



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