

## 18.0 to 26.5 GHz 20 Watt LT-PD Series 6-Way Power Divider

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-tech
- Model Number: LT-PD-6S-180265
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: D/A,D/P,T/T



**LT-PD-6S-180265**

#### Product Specification

- Highlight: 26.5 GHz Power Divider

### 18.0 to 26.5 GHz 6-Way Power Divider

- 6-Way Power Divider
- Stripline Design
- -55°C~+85°C operating temperature
- 18.0 to 26.5 GHz Frequency Range
- Max Power 20 Watt
- Insertion Loss < 2.0 dB
- Isolation > 17 dB
- CE, RoHS, REACH compliant
- 1 Year Warranty

The LT-PD-6S-180265 from ZR is a 6-way power divider that operates from 18.0 to 26.5 GHz and can handle up to 20 Watt (CW) with 2.0 dB max insertion loss and 17 dB min isolation, The package interface uses SMA-Female connectors and is REACH and RoHS compliant. More details for LT-PD-6S-180265 can be seen below.

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

Items	Specification	Conditions
Part Number	LT-PD-6S-180265	
Frequency Range	18.0 to 26.5 GHz	
Impedance	50 Ohms	
Input VSWR	1.6:1 Max.	
Output VSWR	1.6:1 Max.	
Insertion Loss	2.0 dB Max.	Excluding Nominal Splitter Loss 3.0dB
Isolation	17 dB Min.	
Amplitude Balance	0.8 dB Max.	
Phase Balance	10 Degrees Max.	
Input Power	20 kW	
Connectors	SMA-Female	
Dimension	45.7x88.9x12.7 mm	
Note: for custom specs, please contact us directly.		

Technical drawing of a rectangular plate with dimensions and features:

- Overall width: 83.80 [3.30]
- Overall height: 88.90 [3.50]
- Top edge features:
  - 2- $\phi$ 2.40 [ $\phi$ 0.09] Thru (Two holes, one at the top center and one at the bottom center)
  - 20.30 [0.80] (Distance from top edge to the top hole)
  - 45.70 [1.80] (Distance from bottom edge to the bottom hole)
- Right edge features:
  - 6.35 [0.25] (Distance from top edge to the first hole)
  - 15.20 [0.60] (Distance between the first and second holes)
  - 15.20 [0.60] (Distance between the second and third holes)
  - 15.40 [0.61] (Distance between the third and fourth holes)
  - 44.45 [1.75] (Distance from the bottom edge to the center of the fourth hole)
- Left edge features:
  - 83.80 [3.30] (Overall width)
- Bottom edge features:
  - 45.70 [1.80] (Distance from bottom edge to the bottom hole)
  - 12.70 [0.50] (Distance from bottom edge to the bottom hole)



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