

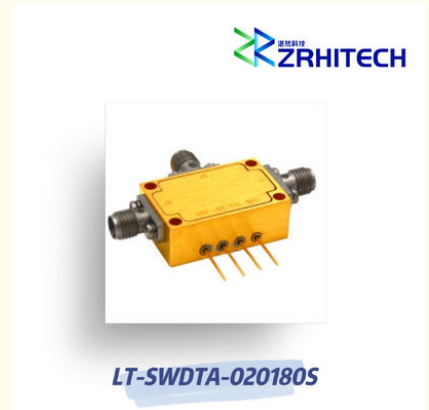
## 2 To 18 GHz SPDT Absorptive PIN Diode Switch

Our Product Introduction

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

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SWDTA-020180S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



### Product Specification

- Product Name: LT-SW Series PIN Diode Switch
- Application: Wireless Communication
- Material: Aluminum
- Temperature: -40~85
- Frequency Range: 2 To 18 GHz
- Color: Silver
- Highlight: **18 GHz PIN Diode Switch,  
SPDT Absorptive PIN Diode Switch,  
SPDT PIN Diode Switch**

## 2 To 18 GHz SPDT Absorptive PIN Diode Switch

### Product Specifications

Attribute	Value
Product name	LT-SW series PIN Diode Switch
Application	Wireless Communication
Material	Aluminum
Temperature	-40~85
Frequency range	2 to 18 GHz
Color	Silver

### Product Overview

The LT-SWDTA-020180S is a high-performance absorptive PIN diode switch designed for wireless communication applications, featuring a broad frequency range of 2 to 18 GHz.

### Key Features

- Aluminum housing for durability
- Customizable frequency options
- Wide operating temperature range (-40 to +85 )
- Fast switching time of 100ns
- Compliant with CE, RoHS, and REACH standards
- 1-year manufacturer warranty

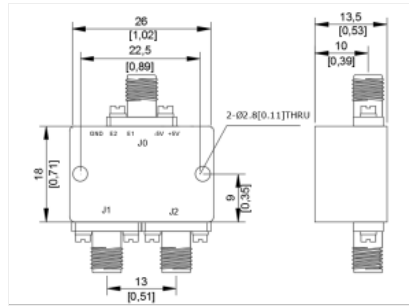
### Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-SWDTA-020180S	
Type	Absorptive	
Configuration	SPDT	
Frequency Range	2 to 18 GHz	
Insertion Loss	2.6 dB	
Isolation	60 dB	
Switching Speed	100 ns	
Control	PIN	
Input/Output VSWR	2:1	
Input Power	1.0 W	
Power Supply (Bias)	+5V / 80mA -5V / 50mA	

Dimension	26*18*13.5mm	
-----------	--------------	--

*Note: Custom specifications available upon request. Please contact us directly for details.*

### Outline Drawing



**ZRHTECH Sichuan ZR Hi-Tech Ltd.**

17342580638 info@zrhitech.com zrhitech.com

Room 507, Advanced Technology Achievement Western Transformation Center, No. 36 Xingke South Road, Jinniu District, Chengdu, Sichuan, China