

Satellite Phone Indoor Amplifier Device

1525-1660 MHz

JTD-RP-1516-66-20



JIETONG DIGITAL

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Inmarsat or Thuraya satellite phone Amplifier Device

The Satellite Phone Indoor Amplifier Device is working as a relay between the satellite and satellite phones, it picks up the outdoor satellite signal by outdoor donor antenna, linearly amplifies the satellite signal and then retransmits it via the indoor coverage antenna to the indoor coverage area, it is device let your Inmarsat or Thuraya satellite phone can normally use in the room, making you keep in touch with others freely even in the room, you can call out and receive the incoming call even in the room, no need go out to search the satellite signal and wait for register.

Key features

- Simple operation, convenient installation.
- The device can suitable for Inmarsat Isatphone Pro, Thuraya SO-2510,SG-2520, Thuraya XT etc models, and also BGAN Terminals.
- Support up to 100 sets satellite phone communication at same time.
- Satellite signal coverage area is large, up to more than 400 square meters.
- Stable and improved signal transmission quality.
- Strong expansion performance: according to user requirements, can provide satellite signal intensity adjustment; Satellite antenna lightning protection; Indoor output signal increase and other supporting services.

Advantages

- ☑ **Multi_standards/Multi_operators**
- ☑ **Support up to 100 sets satellite phone**
- ☑ **Coverage area is large**
- ☑ **Low consumption**



Specifications

Technical characteristics		
Item	Specifications	
	Receiver	Transmitter
Frequency Range	Receiver 1525-1559MHz	GPS L1 1575.42±10.25MHz
Output Power	19±2dBm	19±2dBm
Maximum Gain	>62/66dB	
Isolation of Downlink	>125dB	
Noise Figure	≤5dB	
Pass-band Ripple	≤5dB	
Impedance	50Ω	
VSWR	≤1.8	
Connector Type	2XN-Female	
Power Supply(External Power Adapter)	Input:AC100 – 240V,Output:DC5V/5A	
Dimensions	184*102*29mm	
Weight	1kg	
LED Indicator	Power Supply	
Operating Temperature	-20 ~ +50 °C	
Application	Indoor(IP30)	
Relative Humidity Range	≤ 80%(Non Condensing)	
Mounting	Wall Mounting	
Accessories	1PCS Outdoor Donor Antenna with 25meters Jumper, 1PCS Indoor Coverage Antenna with 5meters Jumper	

Applications

To expand signal coverage or fill signal blind area where signal is weak or unavailable.

Outdoor: Airports, tourism regions, golf courses, tunnels, factories, mining districts, villages, ...

Indoor: Hotels, exhibition centers, basements, shopping malls, offices, parking lots, ...

