

## WLT-T1-MS 1000Base-T1 Conversion Device



The **WLT-T1-MS** series device is a 1000Base-T1 product designed to meet the requirements of telecommunications and broadcasting operators for gigabit coaxial to RJ45 conversion. This product is based on mature and high cost-effective, integrating Gigabit Ethernet switching technology, and Gigabit coaxial transmission technology. It has the characteristics of high bandwidth, high reliability and easy management.

The **WLT-T1-MS** T1 conversion device is a product that integrates gigabit coaxial to gigabit RJ45, providing both gigabit network transmission functionality and practical interfaces based on gigabit coaxial transmission technology.

The **WLT-T1-MS** series device can solve the problems of time-consuming and labor-intensive construction in households, achieve instant installation and communication of large bandwidth services. And it improves the efficiency of bidirectional operation of the entire network and customers' satisfaction. It can also solve problems such as the inability of optic fiber cables to enter households or the difficulty of construction. Based on coaxial technology, Gigabit broadband access can be achieved, effectively improving the bidirectional access rate of the entire network.

### Features

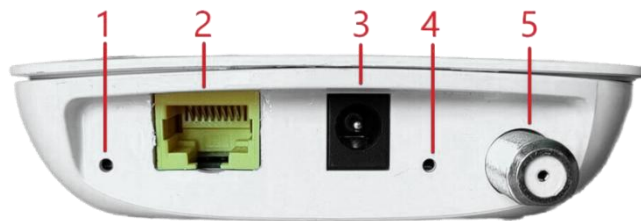
- ◇ Supports 1 bidirectional gigabit coaxial transmission port
- ◇ Supports 100Mbps/1G adaptive, supports coaxial interface bidirectional feeding

### Product Specifications

Item	Parameter	Specification
Interface specifications	T1 interface	1* GE coaxial F-type port (Metric/ Imperial optional)
		Supports bidirectional feeding of coaxial cable
		Supports coaxial transmission over 100 meters via Gigabit network
	LAN interface	1*1000M Ethernet port
		Full duplex/half duplex
		RJ45 port, Support cross direct connection self-adaptation
		Transmission distance 100 meters
Power interface	+12VDC power interface	
Performance specifications	Data transmission performance	Ethernet port: 1000Mbps
		Packet loss rate: <1*10E-12
		Transmission delay: <1.5ms
Physical	Shell	ABS engineering plastics shell

characteristics	Power supply and consumption	External 12V/0.5A~1.5A power adapter (Optional)
		Consumption: <3W
	Dimension and weight	Dimension: 104mm(L) ×85mm(W) ×25mm (H)
		Weight: 0.2kg
	Environmental parameters	Working temperature: -10 ~ 55°C
		Storage temperature: -40 ~ 85°C
		Working humidity: 10% ~ 90% non-condensation
		Storage humidity: 5% ~ 95% non-condensation

### Interface Functions Description



Number	Mark	Description
1	RUN	Operating status indicator light
2	LAN	Gigabit Ethernet port RJ45
3	12VDC	DC 12V power input interface
4	T1	1000Base-T1 operating status indicator light
5	RF	Gigabit coaxial F type port

### Indicator Lights Description

Identification	Status	Definition
RUN	Flashing	POWER ON and normal operation
	OFF	POWER OFF or abnormal operation
T1	ON	GE Coaxial interface is connected
	Flashing	GE Coaxial data is transmission
	OFF	GE Coaxial interface is not in use

### Note

- (1) These series device uses two devices in a one-to-one mode.
- (2) These series device adopts a master-slave mode for automatic configuration, and there is no longer a distinction between the master and slave in terms of specifications.
- (3) Please use the power adapter provided by our factory to ensure the related parameters match the device.