

1000Base-T1 Master Device SFT-T1M



SFT-T1M type master device is a 1000Base-T1 main end product designed to meet the requirements of different operators for gigabit coaxial to RJ45 conversion. This model is mature, stable, and cost-effective, integrating gigabit Ethernet switching technology and gigabit coaxial transmission technology. It has the characteristics of high bandwidth, high reliability, and easy installation and maintenance.

SFT-T1M type master device is a main-end product that integrates gigabit coaxial to gigabit RJ45 conversion. It provides both gigabit network transmission function and practical interface based on gigabit coaxial transmission technology.

These series products can solve problems such as time-consuming and labor-intensive household construction, achieve instant installation and connectivity of high bandwidth services, and improve the efficiency of bidirectional operation and customer satisfaction across the entire network. It can also solve problems such as fiber optic cables not being able to enter households or difficult construction, and achieve gigabit bandwidth access based on coaxial technology, 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
	T1 interface	C
		Supports bidirectional feeding of coaxial cable
		Supports coaxial transmission over 80 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 characteristics	Shell	ABS engineering plastics shell
	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: 0 ~ 45℃
		Storage temperature: -40 ~ 85℃
		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	PON	1*GE coaxial F-type port(Metric/Imperial optional)
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) 1000Base-T1 series products are used in a one-to-one mode.(One master and one slave are used in conjunction)
- (2) The product models are divided into two specifications: -M (master) and -S (slave).
- (3) The appearance structure of the master and slave devices is the same, and they are distinguished by model labels.