10/100M single mode single fiber media converter

(ASIT-0110S-SCX-O)

- 10/100Mbps Media Converter can be use between 100Base-TX cable and 100Base-FX fiber cable or 10Base-T cable and 10Base-FL fiber cable for the data transmission usage.
- Suitable for intelligent community, it extend the network transmission from 100m to 20Km. Also it can be realize the interconnection between motherboard server, Repeaters, hubs, switches, terminal.
- Plug and play design makes easy installation, no on-site adjustment, All the light, electricity interfaces are in line with international standards, Products applicable to different harsh industrial environment

RoHs CE FC

Features :

- Card-type or Stand-alone type for your choice; suitable for concentration management in 2U Racks
- Broadcasting filtration function, automatic recognizing and modifying address with Store-and-transmission operational mechanism
- Cache size for 512KB, address table size is 4KB
- Ethernet 10base-t or 100Base - TX 100Base - FX fiber media transition
- Supporting IEEE802.3, IEEE802.3U, IEEE802.3X, IEEE 802.3z/AB, IEEE802.1d
- Supporting full duplex flow control or half duplex backpressure flow control, with auto negotiation function
- Electricity support 100Mbps, 10Mbps, both ends can use different speed (full-duplex work bandwidth for line-speed 2XMbps)
- Provide a link loss diagnosis, electric link and light links diagnosis, dynamic data transmission, full-duplex/half-duplex, speed indicator
- Provide single RJ - 45 electrical automatic cross connection, connect switchboard, concentrator
- Optical fiber interface properties is good, good compatibility and high reliability

Performances and features :

- Intelligent transportation supervisory system (ITS)
- High-speed Way supervisory/Tele-Communication System
- Large corporations, network security monitoring system, multi-function system
- Long-distance Muti-media Schooling, Campus monitoring, long-distance broadcast television transmission system

Fiber Features :

Type	wavelength (nm)	TX power dBm	Distance Km	Lose dBm/Km	Allowable loss dBm	Fiber Type
Single-mode	1310	-10~-6	0~20	0.5	16	Single-mode (9/125um)
	1310	-6~-3	0~40	0.5	25	Single-mode(9/125um)
	1550DFB	-6~-2	0~60	0.25	20	Single-mode(9/125um)
	1550DFB	-2~+2	0~100	0.25	28	Single-mode(9/125um)

Ethernet Features

Interface Speed Rate : 10/100 Mbit/s Auto-adaptation, the default is 100MBPS working condition
Interface Type : RJ-45
Transmit mode : IEEE 802.3,IEEE 802.3u,IEEE 802.3x, store-and-forward process mode
Doublet : 0-100M
Supporting Agreements : IEEE802.3U 100Base-TX, 10/100M
Communication Working format : Full-duplex or half-duplex

Environmental Requirements :

Operating Temperature : 0 °C +70 °C
Storage Temperature : -45 °C~+95 °C
Relative humidity : 0~95% (Non-condensing)
Power Voltage : AC85-260v/300mA
MTBF : ≥105 hours
Power supplier : <3.5W

Order Information :

Type	Specification (Interface:SC)	Max Transmission Distance (KM)
ASIT-0110S-SCX-O	10/100M single-mode single fiber, SC, outlay power	20KM (single-mode)

The fiber optic transmission distance can be ordered 40km, 60km, 100km

Accessories in the package :

User Manual	maintenance card	Qualified Certification	Power Adapter	Device
1copy	1copy	1 copy	1 pc	1 set