



SL-200 Series 10/100M Ethernet Fiber Media Converters.

SL-200 series Fiber Media Converters is a 10/100M Ethernet Media Converter. It can convert Optical – Electric 10M/100M Ethernet signals between UTP interface (TX) and optical fiber interface (FX). It can extend traditional 10/100M fast Ethernet to the distance of 120km through optical fiber link. It is powered through external AC/DC power adapter or from USB port on the hosting device such as PC or NB. The DIP Switch on the side panel is used to set working configurations for meeting the need of various applications. LFP (Link Fault Pass-through) function for easily tracking the network link failure. It can enhance the integrity and conformity of the TP-Fiber linking to improve the maintainability of the network. Six LEDs indicated lights could fully monitor the working conditions of Converters. It is easy for end-users to observe network operation and to judge its failure

Specification

- ◆ Auto negotiation function allows UTP port to auto select 10M or 100M, and Full Duplex or Half Duplex.
- ◆ UTP port supports MDI/MDI-X auto crossover.
- ◆ LFP (Link Fault Pass-through) function optional: When optical fiber or UTP is failing, the converter could stop all links, in addition to power light, other LED lights put out.)
- ◆ Multiple Optical Transceiver could be chosen: SC, ST or FC, singlemode / multimode, single fiber/double fiber.

- ◆ Supporting 1600 bytes data-packet.
- ◆ Converter working mode could be chosen from: Store and forward switch mode, Modified cut-through switch mode, or Converter mode.
- ◆ Internal Circuit of prevented thunder could greatly reduce damage of the converter caused by thunderbolt induction.
- ◆ External switching power or USB power optional.
- ◆ Operating standards : IEEE802.3/u, 10/100Base-TX and 100Base-FX ;
- ◆ MAC addresses table: 1K
- ◆ Data buffer: Built-in 128Kbyte RAM .
- ◆ Connectors: UTP Connector: RJ-45, 10/100Mbps; Fiber Connector: ST/SC/FC, 100Mbps
- ◆ Cable:
 - UTP: Cat. 5 (the max distance up to 100m)
 - Fiber (Multimode): 50/125, 62.5/125 μ m (the max distance up to 2km or 5km)
 - Fiber (Singlemode): 8.3/125, 8.7/125, 9/125, 10/125 μ m (the max distance up to 20 - 120km)
- ◆ Flow Control
 - Full Duplex: Supporting standard IEEE802.3x
 - Half Duplex: back pressure
- ◆ Dip switch:

1	TP port mode	Auto (default) or Force
2	TP port speed	100 or 10 when TP at Force
3	TP port duplex	FDX or HDX when TP at Force
4	LFP	LFP enabled (default) or disabled
5	Fiber port duplex	100 FDX (default) or 100 HDX
- ◆ LED: Power, FX SD, FX Link/Act, TX 100, TX FDX, TX Link/Act.
- ◆ Power Requirement: AC220V/DC5V or USB(USB 전원모델해당)
- ◆ Ambient Temperature: -20 $^{\circ}$ C ~ 70 $^{\circ}$ C
- ◆ Humidity: 5% ~ 90%

◆Dimensions: 26×70×93mm

Model	Description
SL-200SCM	10/100M multimode Media Converter, the max optical fiber distance up to 2/5 km.
SL-200SCS/U	10/100M Singlemode Media Converter, max fiber distance from 20KM. Power DC or USB supported