

# 100Mbps Fiber Optic Ethernet Converter

10/100Mbps-TX to 100Mbps-FX Fast Ethernet Converter, Single-mode 20km



- Converts TP (10/100Mbps) to Fiber Optic (100Mbps-FX) for Long distance Transmission
- Network Component for Long distance & Noise Solution, Optical LAN, FA, Internet Network, FTTH etc.
- 10/100Mbps Throughput, Auto Negotiation
- TP Cable Auto MDI-X
- LLCF(Link Loss Carry Forward)
- LED Indication for Auto Negotiation and Connection Status
- 10/100Mbps, Full/Half-duplex Manual Operation (DIP Switch)

## Specifications

<b>Technology</b>	Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/100Base-FX
<b>Interface</b>	RJ45 Ports	1-Port 10/100Mbps TP, Auto-Negotiation, Auto MDI/MDI-X TP/STP Cat. 3, 4, 5, 6 Cable EIA/TIA-568 100-ohm(100m)
	Fiber Ports	1-Port 100Mbps (ST/SC connector) Multi-mode : 62.5/125 $\mu$ m (2km), Single-mode : 9/125 $\mu$ m(~120km)
	LED Indicators	Per unit : Power Per port(TX) : Link, Activity, FDX/HDX, speed Per port(FX) : Link, Activity
	Dip Switch	Internal, Auto-Negotiation, 10/100Mbps, Full/Half Duplex, LLCF on/off
<b>Performance</b>	Data transfer	100Mbps
<b>Operating Environment</b>	Temperature	Operation: 0°C ~ 60°C, Storage: -20°C ~80°C
	Humidity	5 ~ 95% (Non-condensing)
	Power consumption	SFC200-SCS/SCSWA/SCSWB : 2.7W, SFC200-SCM : 2.5W, SFC200-STM : 3.3W SFC200-SCSWA-I/SCSWB-I/SCS-I : 3.1W, SFC200-SCM-I : 3.0W SFC200-STM-I : 3.7W
	Installation	Stand alone, Center mount module type
<b>Input Voltage</b>		DC 5V 2A SMPS Adapter
<b>Dimensions</b>		Stand alone : 71mm(W) x 94mm(D) x 26mm(H) Built-in Power Type : 118mm(W) x 184mm(D) x 34mm(H)

## Ordering Information

Model Name	Description
SFC200-SCS	10/100Mbps-TX to 100Mbps-FX Fast Ethernet Converter, Single-mode 20km, 1310nm
SFC200-SCS40	10/100Mbps-TX to 100Mbps-FX Fast Ethernet Converter, Single-mode 40km, 1310nm
SFC200-SCS/M	10/100Mbps-TX to 100Mbps-FX Fast Ethernet Converter, Single-mode 20km, 1310nm, Module type
SFC200-SCS/I	10/100Mbps-TX to 100Mbps-FX Fast Ethernet Converter, Single-mode 20km, 1310nm, AC Built-in
SFC200-SCS40/I	10/100Mbps-TX to 100Mbps-FX Fast Ethernet Converter, Single-mode 40km, 1310nm, AC Built-in