Transceiver/Converter

Highlights

. Fiber Optic Port supports cable distance up to 2 Km
. Full and Half-Duplex Capability
. 10M/100Mbps speed capability selected by system-controlled or switch-setting
. Provides two 100BASE-TX port and one 100BASE-FX Fiber Optic port

Key Features

- *Complies with IEEE 802.3u 100BASE-TX and 100BASE-FX standards*
- *Supports diagnostic LEDs for easier troubleshooting*
- *Fiber optic port supports cable dis tance up to 2 km*
- *Two Fiber optic models optional: ST-type or SC-type Fiber Optic connector*
- *Full and Half-Duplex capability*
- *Supports diagnostic LEDs for easier troubleshooting*
- *DTE and HUB connector (RJ-45) support*

SURECOM®
Simply Better Networking

EP-202FX
EP-202FX-C
Fast Ethernet Fiber Converter



SURECOM's EP-202FX Fast Ethernet Fiber Converter & Transceiver are Physical Layer (PHY) devices that support media connection for 100BASE-FX/TX and 10BASE-T networks. They range from RJ-45-to-Fiber.

This product can integrate efficiently and conveniently with a variety of Fast Ethernet Hubs, nodes and equipment to let you make use of the increased throughput and high bandwidth.

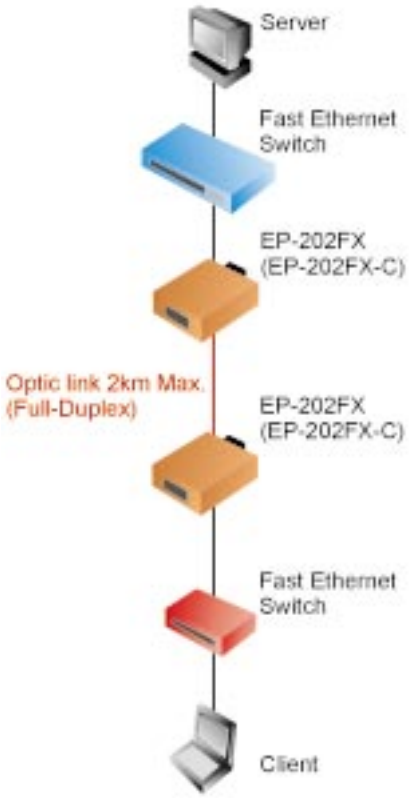
EP-202FX is a plug-and-play transparent solution for the conversion between Fast Ethernet twisted pair and fiber optic media. An unprecedented design can be found in EP-202FX which supports two RJ-45 connectors - one is for DTE (Node) connection and another is for Hub connection, and comes with ST or SC-type fiber optic connector for choice.

The fiber optic connectivity helps in increasing segment diameter of network up to 2 Km in length. The converter is applicable for Full/Half-Duplex transmission.

Transceiver/Converter

EP-202FX
EP-202FX-C
Fast Ethernet Fiber Converter

Application



Technical Specifications

	EP-202FX	EP-202FX-C
Standards	IEEE 802.3u 100BASE-TX IEEE 802.3u 100BASE-FX	
Access Method	CSMA/CD	
Transmission Rate	100Mbps	
Max. segment length 100BASE-TX/10BASE-T 100BASE-FX	 100m 2000m	
Connectors	1 Fiber Optic port: ST connector RJ-45 Port x 2	1 Fiber Optic port: SC connector RJ-45 Port x 2
Transmission Capability Full/Half-Duplex 100M/10Mbps speed	 Transparent only 100Mpbs	
LED Indicators	Power, Activity/Link	
Power Adapter Requirement	12V AC, 1.5A	
Temperature	5°C ~ 55°C (Operating) 0°C ~ 65°C (Storage)	
Humidity	10% to 90% (Operating) 5% to 95% (Storage)	
Dimension	126 x 67.5 x 24.5mm (L x W x H)	
Net Weight	150g	
Emission/Safety	FCC Class A, CE	

Ordering Information

EP-202FX : ST-Type 100M Fiber-RJ45 Converter
EP-202FX-C : SC-Type 100M Fiber-RJ45 Converter

SURECOM Simply Better Networking ISO-9001

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