

Convert Your Information Further and Further

EP-202X-C-30

100/10BASE-TX to FX

(single-mode) Switch Converter



Tired of the 100BASE-TX cabling limitation, 100 meter? Worry about the expensive Fiber Optic wiring costs? SURECOM's latest announce EP-202X-C-30, *single mode switch converter*, provides a total solution of stable and cost-effective performance as well as distant connection. Carrier, remote branch will need this solution to carry your business further and further.

Stability

SURECOM, an ISO9001/9002 certificated company, develops and produces this device with its strict R/D, production & Q/A procedure.

Highest Flexibility

Besides SC fiber connector, ST/LC/MT-RJ types of connector are also for your choice. By fiber optic connecting, this single mode fiber switch converter can reach as far as 30km. However, option of fiber transmission including 15/30/40/50/60km is also available. With the above combination, this device provides you the great flexibility to meet your various demands as well as to upgrade your network infrastructure in the near future.

Easy Management

A chassis for accommodation this device is going to be released soon. This solution will give you the easiest way to administrate your network efficiently.

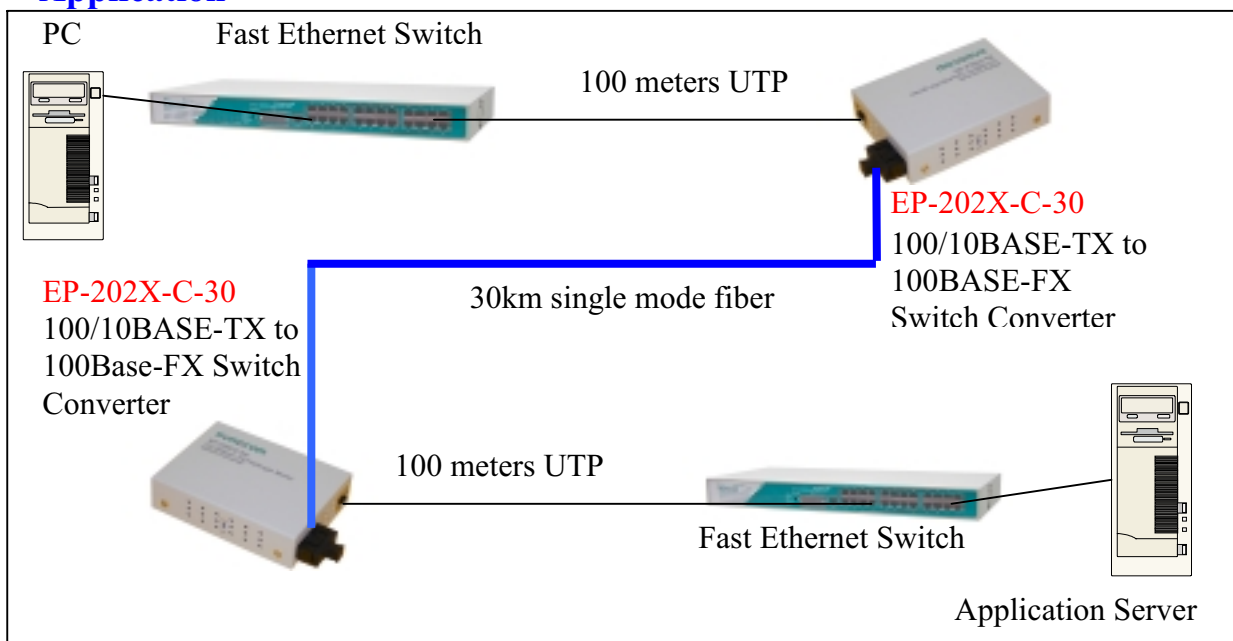
Features:

- ✧ IEEE 802.3 10BASE-T and IEEE 802.3u 100BASE-TX/FX standards
- ✧ TP port supports Auto-negotiation for automatic speed selection
- ✧ TP port supports automatic MDI/MDIX crossover
- ✧ Fiber port supports Far End Fault Indication and a far end fault is detected the link will go down and the transmitter sends out idles
- ✧ Switching & Learning at Full-Duplex wire rate
- ✧ Embedded with 1 Mbit memory used for frame buffering
- ✧ High performance lookup engine with support for up to 4,096 MAC address entries with automatic learning and aging
- ✧ Store and Forward switching mode
- ✧ Back-Pressure flow control for Half-Duplex operation
- ✧ Comprehensive LED indications for port status indication Power on, Link/ACT, FDX/Col, 100M Link
- ✧ 100Mbps with FDX/HDX piano-switch selectable

Specifications

Industrial Standards	IEEE 802.3 10BASE-TX and IEEE 802.3u 100BASE-FX
Access Method	Store and Forward
Maximum Distance	Twisted Pair - Cat. 5 cable up to 100m Single mode fiber optic (1300nm) – up to 60km (9/125um)
Connectors	1 Fiber Optic connector (Option including SC/ST/LC/MT-RJ) and 1 RJ-45 port
Power Supply	External Power, DC7.5, 1A
Temperature	Operating 0°C ~45 °C Storage 0°C ~55 °C
Humidity	Operating 10%~80% Storage 5%~90%
Dimension	100x 75x 25mm.(L x W x H)
Conformance	FCC Class A & CE

Application



Ordering Information

- EP-202X-C-30 10/100BASE-TX to FX(SC-Type Single-mode)Switch Converter**
- EP-202X-T-30 10/100BASE-TX to FX(ST-Type Single-mode)Switch Converter**
- EP-202X-M-30 10/100BASE-TX to FX(MT-RJ Type Single-mode)Switch Converter**
- EP-202X-L-30 10/100BASE-TX to FX(LC-Type Single-mode)Switch Converter**

SURECOM Technology Corp.

6F, No. 125, Sec. 2, Datung Rd., Shiji,

Taipei County 221, Taiwan

Tel : 886-2-8692-6200 Fax: 886-2-8692-6132

E-mail: surecom@surecom.com.tw

Web: www.surecom-net.com