



Single Fiber

Design & Produce from Thailand

OEM. Welcome

## Fiber/T Media Converter

10/100 Base-TX to 100 Base-FX Media Converter

### Feature

- Use only single fiberoptic cable for Full-Duplex communication with WDM.
- Fully compliant with IEEE802.3/802.3u auto-negotiation function.
- Very long distance with 20km fiber optic cable length.
- MDI/MDIX auto crossover for plug-and-play.

### Specification

- Standards :IEEE802.3u 10/100Base-TX and 100Base-FX standars.
- Data rate : 10Mbps full duplex, 100Mbps full duplex
- Power Requirement : 500mA +5VDC
- Fiber optic cable : Single mode
- Fiber optic standards : ITU-T G.957, G.958
- Fiber optic wave length : 1310nm/1550nm WDM
- Fiber optic connector : SC (other type is optional)
- Fiber optic maximum cable length : 25km (40km, 60km, 80km optional)
- Connectors : RJ-45 UTP
- Size W70mm X H25mm X L95mm

### Model

- MC-1T-S25S-A Media Convert 10/100 Ethernet, Single Mode, 25 km, SC Connector, A-1310 nm
- MC-1T-S25S-B Media Convert 10/100 Ethernet, Single Mode, 25 km, SC Connector, B-1550 nm
- MC-1T-S25F-A Media Convert 10/100 Ethernet, Single Mode, 25 km, FC Connector, A-1310 nm
- MC-1T-S25F-B Media Convert 10/100 Ethernet, Single Mode, 25 km, FC Connector, B-1550 nm



MC-1T-S25S-A

MC-1T-S25S-B

MC-1T-S25F-A

MC-1T-S25F-B

## Fiber/E1 Media Converter

E1 to Fiber Media Converter

### Feature

- Very long distance with 25km fiber optic cable length.
- Use only single fiberoptic cable for Full-Duplex communication with WDM.
- Compliant with many communication standard.

### Specification

- E1 line coding : HDB3 (AMI is optional)
- E1 line impedance : 120ohm (75ohm optional)
- E1 data rate : 2.048MHz
- E1 connectors : RJ-45
- E1 receive sensitivity : 0dB to -43dB
- E1 Maximum cable length : cables 0.63mm (22AWG) up to 2.5km. (Optional for special request)
- E1 Standards : ANSI T1.403-1999, ANSI T1.408, AT&T TR 62411, ITU G.703, G.704, G.706, G.736, G.775, G.823, I.431, O.151, O.161, ETSI ETS 300 166, JTG.703, JTI.431, JJ-20.1, TBR12, TBR13, and CTR4.
- Fiber optic cable : Single mode
- Fiber optic connector:SC (other type is optional)
- Fiber optic wave length : 1310nm/1550nm WDM
- Fiber optic maximum cable length : 25km (40km, 60km, 80km optional)
- Fiber optic standards : ITU-T G.957, G.958
- Power Requirement : 500mA +5VDC
- Size W70mm X H25mm X L95mm

### Model

- MC-1E-S25S-A Media Convert 1E1, Single Mode, 25 km, SC Connector, A-1310 nm Master
- MC-1E-S25S-B Media Convert 1E1, Single Mode, 25 km, SC Connector, B-1550 nm Slave
- MC-1E-S25F-A Media Convert 1E1, Single Mode, 25 km, FC Connector, A-1310 nm Master
- MC-1E-S25F-B Media Convert 1E1, Single Mode, 25 km, FC Connector, B-1550 nm Slave



MC-1E-S25S-A

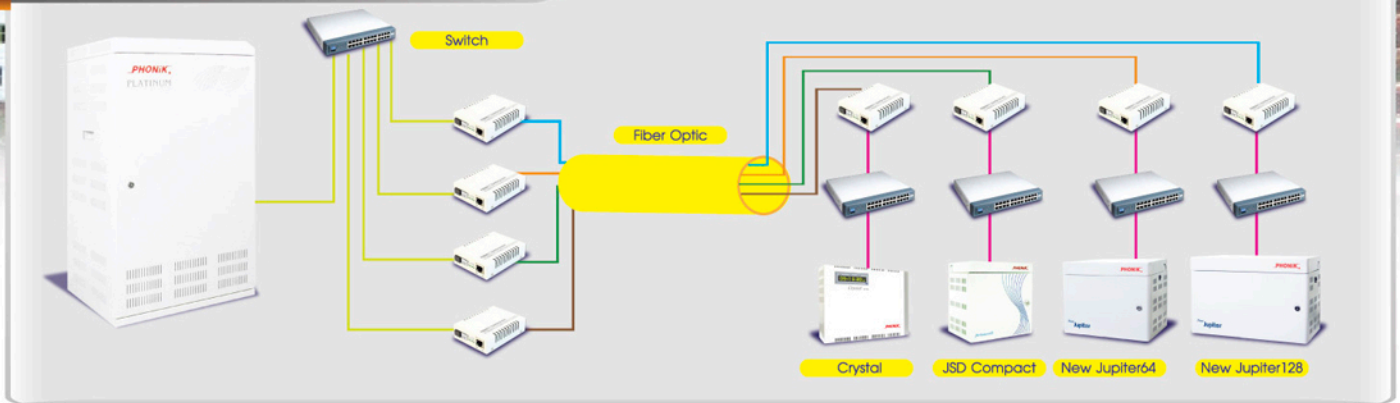
MC-1E-S25S-B

MC-1E-S25F-A

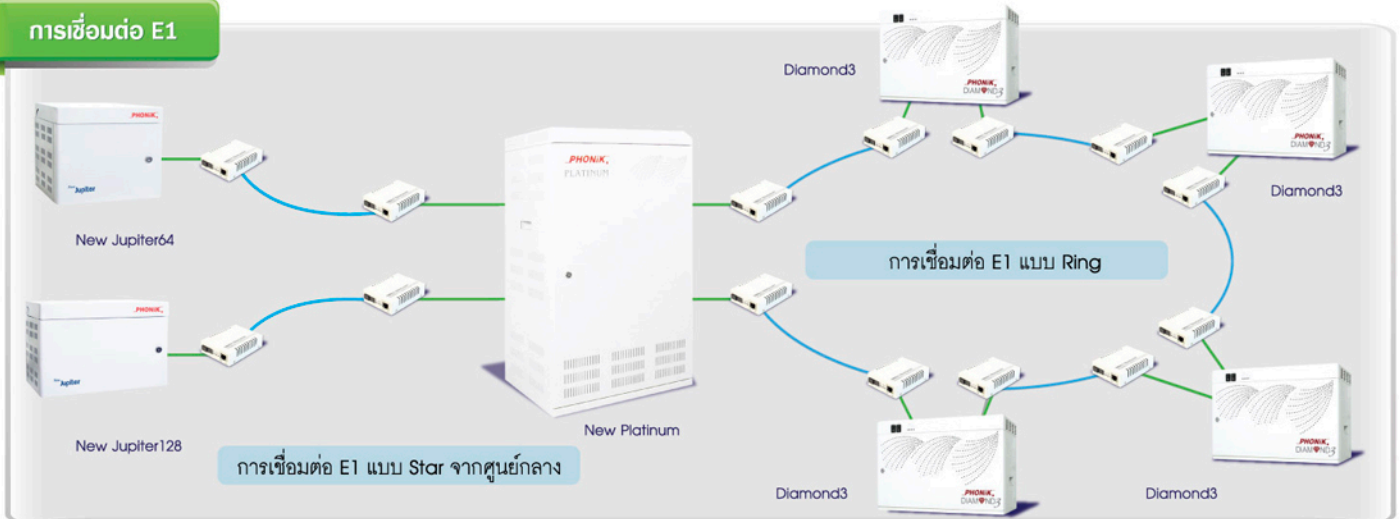
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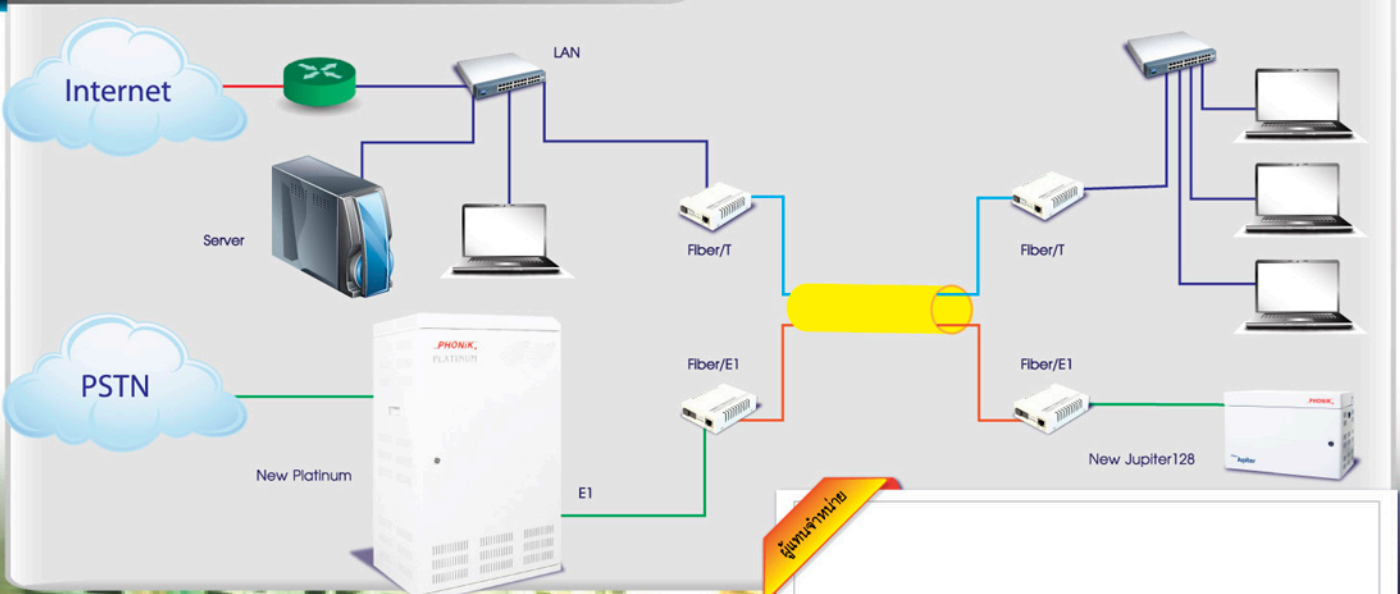
## การเชื่อมต่อ IP-PBX ด้วย VoIP ผ่าน Fiber Optic Cable



## การเชื่อมต่อ E1



## การใช้งานร่วมกันของ E1 และ LAN ใน Fiber Optic Cable เส้นเดียวกัน



ตัวอย่างการนำ Media Converter เชื่อมอุปกรณ์ระบบสื่อสาร