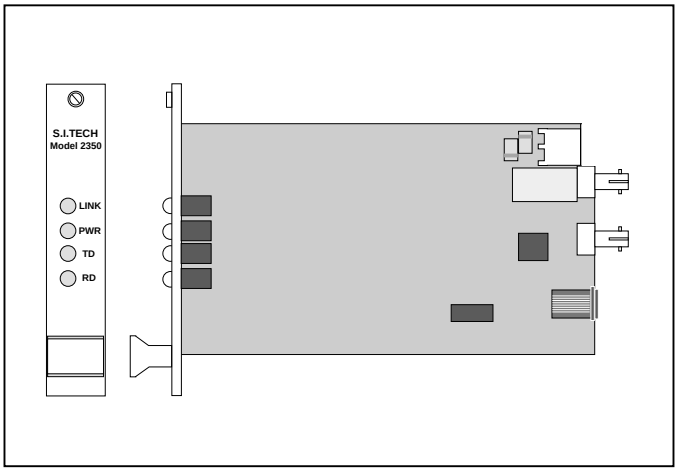
Model 2350

S.I.TECH

Ethernet to Fiber Optic Transceiver Card



Features:

- Supports 10 Base - FL or FOIRL Standards
- Small size
- Link Status, Receive Data, Transmit Data, and Power LED indicators
- ST or SMA optical connectors

S.I.Tech 2350 Ethernet Fiber Optic Transceiver is a Eurocard for connection of Ethernet based equipment to any fiber optic 10 Base FL/ FOIRL network. The transceiver connects to RJ45 and provides ST or SMA fiber optic connectors. The 3000 rack holds up to sixteen 2350 cards, ideal for computer rooms, clustered areas.

Four LED indicators provide a visible verification of transmission status and transceiver functions.

Operation Mode: 10 Base - FL/FOIRL
Input/Output Interface: ST optical connector standard (SMA option).
Transmission Distance: 6600 ft, (2 Km)
Transmitter Output Power: 30 µW, 62.5/125µ fiber
System Wavelength: 850 nm (1300 nm option)
Data Rate: 10 Mbps.
Bit Error Rate: 10^{-9}
Receiver Sensitivity: 3 µW
Operating Temperature: 0 ^{o}C to 50 ^{o}C
Enclosure: 19" rack
Weight: 0.5 lb (200 grams)
Card Size: Eurocard 3.9" X 6.8" (9.9 X 17.3 cm)

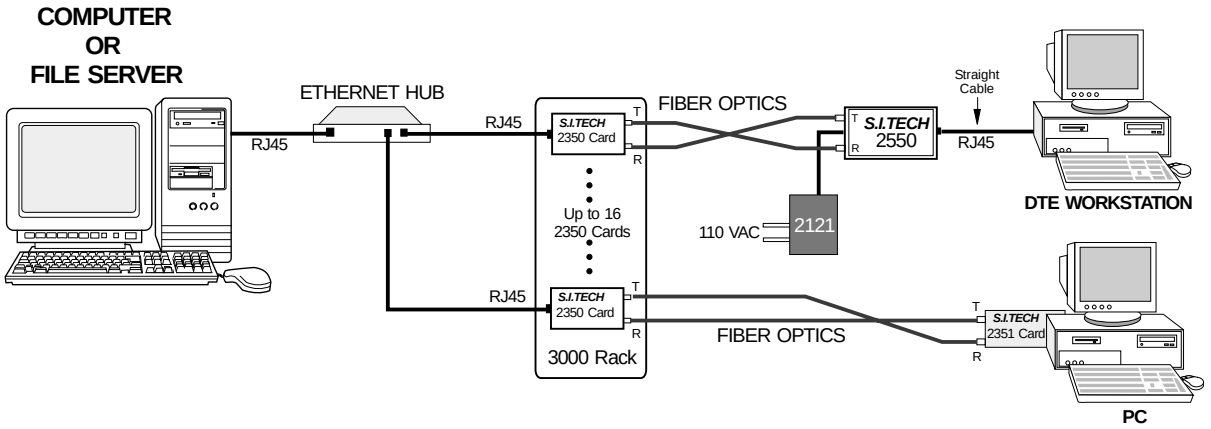
OPERATING DISTANCE FOR FIBER OPTIC CABLE

Fiber Size (Microns)	Attenuation dB/Km	Distance Meters	Distance Feet
50	3.0	2000	6600
62.5	4.0	2000	6600
10 SM	1.0	7000	23000

SM - Single mode option

Optical Unit Connection: Connect the optical transmission line to the T and R receptacles. Note which cable channel goes to T or R by noting cable imprint. On the other end, reverse the connection.

Meets FCC requirements of Class A, Part 15 Computing Devices Standard, IEEE 802.3 Ethernet Standard. Specifications subject to change without notice.



TYPICAL APPLICATION

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