

Optical Ethernet Link

Features & Benefits:

- ❖ One / two 100 Mbps FDX fiber port
- ❖ One 10/100 Mbps and HDX/FDX twisted pair port
- ❖ Operating temperature from -10°C to +60°C
- ❖ Auto-cross automatic selection between crossover and straight-through
- ❖ Front and back status LEDs



Product Description

Foxcom's 10/100 Base Ethernet card brings fast Ethernet capability to the Foxcom's Sat?Light/Platinum systems. Using only one single-mode optical fiber, the unit transmits either 10Base or 100Base data over distances up to 40 kilometers*.

This easy to install, plug-and-play media converter set complies with IEEE802.3 standards, and supports full duplex and half duplex communications with auto negotiation on both the fiber and twisted pair media. An RJ-45 interfaces to the twisted pair, while a single/dual SC type connector interfaces to the optical fiber path. It also supports MDI/MDI-X auto crossover, eliminating the need for elusive crossover cables.

* For more options contact your Foxcom sales representative.

Specifications

PL75E Fiber Optic Ethernet Link Specifications

Technical Specifications
IEEE 802.3 10Base-T twisted pair
IEEE 802.3 100Base-TX twisted pair
IEEE 802.3 100Base-FX fiber
Supports over-sized packets up to 1916 bytes
Industrial Ethernet construction
Plug-and-play operation

PL75E Fiber Optic Ethernet Link Specifications

Accepts RJ-45 and SC-PC connectors

9/125 μ single fiber mode

Available with single and Dual fiber support

Layer 2 packet switching, store forward - forwarding rate
14,880 pps for 10 Mbps
148,000 pps for 100 Mbps

Broadcast storm protection

Status LEDs

Physical Specifications

Operating temperature 10°C to +60°C

Storage temperature 45°C to +85°C

Humidity 5 – 95% non-condensing

Regulatory Approvals

EMI Rating: FCC Part 15 Class B, CE Mark

All specifications are subject to change without notice.

Ordering Information

Model Number	Description
PI 75F-S-1310	Platinum Ethernet Transceiver, 10/100Mbps, Single SC/PC output, 1310nm laser (single unit), 20Km Fiber
PI 75F-S-1550	Platinum Ethernet Transceiver, 10/100Mbps, Single SC/PC output, 1550nm laser (single unit), 20Km Fiber
PL 75E-D-XXXX	Platinum Ethernet CWDM Transceiver, 10/100Mbps, Dual SC/PC output, CWDM laser (single unit), 40Km Fiber
J-5-SCPC-FCAPC	SC-PC to FC-APC 5meter fiber Jumper with 2.7mm jacketing

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