



Sat-Light Platinum Series

PL75E SFP Ethernet Link



Features & Benefits

- Single SFP Port
- One 10/100/1000 Mbps and HDX/FDX twisted pair port
- An operating temperature of -10 to 60° C
- Auto-Cross automatic selection between crossover and straight-through
- Front and rear status LEDs

Product Description

Global Foxcom's 10/100/1000 Base Ethernet Module brings fast Ethernet capability to Global Foxcom's Sat-Light/Platinum systems. Using SFP-based T/X conversion, the unit transmits either 100Base or 1000Base data over distances up to 200 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 LC-PC type connector interfaces to the optical fiber path. It also supports MDI/MDI-X auto crossover, eliminating the need for elusive crossover cables.

* SFP dependent.

Note: SFP is not bundled in this package.

When using a single fiber SFP make sure 1310nm is used one side and 1550nm is used on the other.

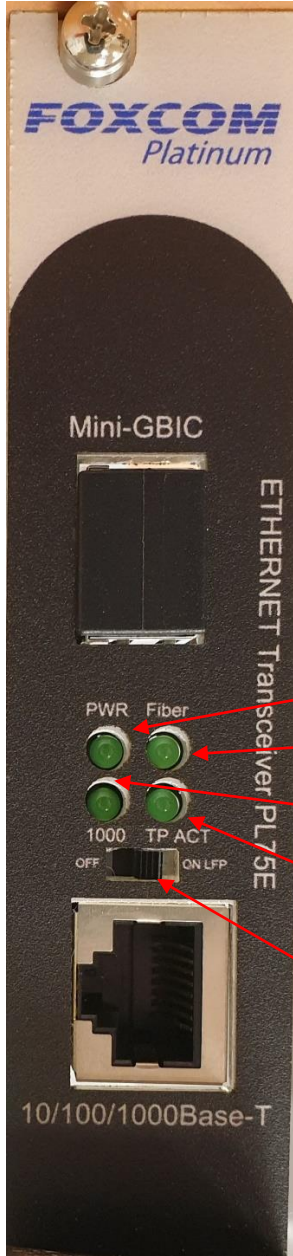
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Specifications

| Technical Specifications | |
|---------------------------------|-----------------------------|
| Description | Value |
| IEEE 802.3 10/100/1000Base | RJ45 twisted pair |
| IEEE 802.3 100Base | FX-fiber |
| Data rate support | 10/100/1000Mbps |
| Supports over-sized packets | up to 1916 bytes |
| Accepts SFP modules | Copper/Fiber |
| Optical SFP Type | Standard/CWDM/DWDM |
| Optical Fiber support | SFP dependent |
| Auto-negotiation | Auto-cross for MDI-II/MDI-X |
| Status LEDs | Fiber/Copper link/ACT |
| Physical Specifications | |
| Operating temperature | -10°C to +60°C |
| Storage temperature | -45°C to +85°C |
| Humidity | 5– 95% [non-condensing] |
| Regulatory Approvals | |
| FCC Class B, | UL, CE |

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Functionality



| LED | Color | Description |
|-------------|-------|--|
| PWR | Green | Lit: Indicates the unit is receiving +5V DC power |
| Fiber | Green | Lit: Indicates through-fiber port is established Blinks: Indicates the fiber port is actively sending or receiving data |
| TP 1000 LNK | Green | Lit: Indicates the port is running at 1000Mbps Blinks: Indicates the port is actively sending or receiving data Off: Indicates the port is running at 10/100 Mbps |
| TP Act | Green | Lit: Indicates the link-through TP port is established Blinks: Indicates the port is actively sending or receiving data |
| LFP Switch | -- | On/Off switch disables or enables LFP function. Default setting for switch is "OFF". When in "ON" position Fiber and TP ACT LED are connected in parallel. |
| -- | -- | Gigabit Ethernet Converter: 10/100/1000BASE-T to 100/1000 BASE-X |

