



Model XC-300

Ethernet Extension



Description

The GDI Model XC-300 Ethernet Extension product is a full featured VDSL modem that provides high-speed, remote Ethernet LAN access at distances up to 6,000 feet over existing twisted pair cable.

The XC-300 integrates Very High Speed DSL (VDSL), 10/100BT Ethernet and POTS telephone interfaces in a single, low-cost, rugged enclosure that allows PC's, telephone systems and network based peripherals to share a common access point. By deploying the XC-300 field access points over existing copper based networks, the complexity and cost of adding devices to an existing Ethernet-based network can be reduced.

The XC-300 is the ideal low-cost solution for extending LAN and remote Internet access throughout a copper based infrastructure eliminating the need to install expensive CAT3 or CAT 5 cable.

Features

- Reduces the Cost of Adding New Nodes to any 10/100 Network
- Supports VDSL, Ethernet and POTS in a hardened, Wall Mount enclosure
- Extends Ethernet operation to 6000 feet
- SNMP Management
- Fully Configurable VDSL rates up to 27MB asymmetrical operation.

The XC-300 is fully compliant with full-rate VDSL standards. Because it is standards-based the XC-300 field access point is also interoperable with other vendors' VDSL concentrators enabling simple, low-cost network expansion without requiring expensive cabling or forklift equipment upgrades.

The XC-300 field access point is also SNMP compatible allowing remote configuration, management and control from any SNMP-based management console in the network.

The XC-300 field access point provides simple, quick and hassle-free extension of an Ethernet LAN using existing copper infrastructure and allow the connection of nodes to a network in a matter of minutes rather than days.



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Specifications

Ethernet Interface

- IEEE 802.3 10BaseT compliant
- IEEE 802.3u 100BaseTX compliant
- 10/100 Mbps Full and Half Duplex, Auto-Negotiating

VDSL Line Rates

VDSL Rates are configurable via front access or through GUI interface

HTTP Web-Based Management

- Firmware upgrade via VOC
- Configuration via front access port

Indicators

- Power
- Ethernet “Good Link”
- Ethernet “Activity”
- VDSL “Sync”

Connectors

- RJ45 for Ethernet Access
- RJ11 for VDSL access
- RJ11 for POTS access (external Bat required)

Mechanical

- Height 1.5 in (3.8 cm)
- Depth 5.0 in (12.6 cm)
- Width 3.8 in (9.6 cm)
- Metal enclosure with wall mount tabs

Electrical

- External AC Power Cube
- 90 - 240 VAC @ 47 to 63 Hz
- 1.5 watt

Environmental

- Temperature: -40°C to +65°C
- Humidity: 10 - 95%, non-condensing

Compliance

- UL 1950/CSA C22.2 No.950
- FCC Part 15 Class B

Specifications subject to change without notice

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