

BNT 1Gb Long Range Ethernet SFP 1000BASE-LX Fiber Transceiver, SFP Format

Product Brief

BN-CKM-S-LX

BLADE
NETWORK
TECHNOLOGIES

The Trusted Name in Blade Server Networking

Low cost, high performance Gigabit Ethernet SFP transceivers for Blade Network Technologies Ethernet Switches

Product Overview

The BLADE Network Technologies Gigabit Ethernet Fiber SFP Transceiver long range module (part number BN-CKM-S-LX) is an SFP Gigabit Ethernet small-form factor, hot-pluggable transceiver that plugs into a high-speed data port. It provides 1000Base-LX connectivity for up to 10 kilometer distances using 8.3/9/10 m Single-mode, Long Haul Fiber (1300nm) single mode fiber.



BN-CKM-S-LX

**1300 nm Long-Range Gigabit
Ethernet SFP Transceiver**

Designed specifically for BLADE Network Technologies' Gigabit Ethernet switches, this Gigabit Ethernet 1000Base-LX transceiver module provides excellent performance in port-dense networks with challenging thermal environments. The transceiver supports link spans up to 10 kilometers with single mode fiber, and functions as the interface between the physical layer and the data link layer in high-density datacenter applications, local area networks (LANs), and iSCSI storage area networks (SANs).

The BLADE Gigabit Ethernet SFP 1000Base-LX Transceiver is compliant with IEEE 802.3z 1000Base-LX, transferring a 1 Gigabit data stream over 50 m Multimode Fiber, 62.5 m Multimode Fiber, or 8.3/9/10 m Single-mode, Long Haul Fiber.

The BLADE Network Technologies Gigabit Ethernet Fiber SFP Transceiver offers an attractive combination of high performance and low cost.

Features and Benefits

Features	Benefits
Affordable	Lower your capital budgets
Reliable	Quality assured by BLADE Network Technologies' test labs to work with BLADE-designed Ethernet switches
Excellent 1000BASE-LX performance	Robust Gigabit link performance in challenging thermal environments up to 70°C
Small SFP package	Optimal performance in port dense environments

Specifications

Item	Description
Hardware supported	Designed to fit into the data uplink ports for BLADE Network Technologies Gigabit Ethernet switches supporting 1000BASE-LX: <ul style="list-style-type: none">HP GbE2C Layer 2/3 Ethernet Blade Switch for HP BladeSystem c-Class (4 ports)
Form Factor	8.5 mm x 13.4 mm x 56.5 mm
Laser Classification	Contains a Class 1 laser of 1300 nm
Standards Compliance	IEEE 802.3z 1000BASE-LX compliant
Link distance	Spans to 10 km
Warranty	One year
Extended Warranty for year 2 and 3	Available online at http://www.bladenetwork.net/support/

Warning: The BLADE 1000Base-LX SFP Transceiver Module is designed specifically for BLADE Network Technologies switches. BLADE cannot guarantee the 1000Base-LX SFP Transceiver Module will operate if inserted into other manufacturers' devices.

For more information about the Gigabit Ethernet SFP 1000Base-LX Transceiver Module, visit the BLADE Web site at: <http://www.bladenetwork.net/xfp>