

RoHSONT Optical Network Terminal 40G



Overview

They can be used for connections from 150m up to 40km and are suitable for 40G Ethernet or Breakout to 10GBASE-SR Ethernet or Optical Transport Network OTU3 applications. $\leq 4\text{m}$ cable length is required if QSFP+ to SFP+ Converter Module is applied with 10G passive DAC. Featured products such as QSFP-SR4-40G modules and QSFP-LR4-40G modules are also available for choice. 40G QSFP+ Transceiver Module Series include SR4, BIDI, CSR4, PIR4, LX4, IR4, LR4, PLR4 and ER4. Support 40G ethernet, data center, enterprise, and Infiniband applications with Precision OT's range of 40G QSFP+ optical transceivers for link distances of a few meters up to 80km. The 40G QFSP+ transceivers feature varying specifications to meet your unique network needs. Next-gen optical line terminal with 40G capacity, smart aggregation, and SDN integration for high-speed. DESIGNED FOR USE IN 40 GIGABIT ETHERNET APPLICATIONS. COMPLIANT WITH THE QSFP MSA AND IEEE 802. In addition to optical modules, high-speed. 40G modules support high-speed optical transmission for network equipment, data communication, and system integration.



Article Content

Hot

140C Optical Network Terminal (ONT140C)

The Tellabs 140C Optical Network Terminals (ONTs) provide high-density Gigabit Ethernet connectivity that is a scalable and smart choice for the new enterprise LAN. This ONT supports the modern office

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6 Best Optical Network Terminals [2025 Bestseller]

Discover the 6 best optical network terminal modems from VSOL, offering high-speed connectivity, reliability, and advanced features for homes and

May 26, 2026 Hot

6 Common 40G QSFP+ Optical Module Models

With four mutually independent channels for transmitting and receiving optical signals, 40G optical modules are able to provide high-density and low-power 40G Ethernet connectivity

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Optical network terminals

Knowledge Base Optical network terminals In fiber-to-the-premises systems, the signal is transmitted to the customer premises using fiber optic technologies. Unlike many conventional telephone

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H3C S7500X-G Series Optical Line Terminal (OLT)

AON (Adaptive Optical Network): S7500X-G can integrate Ethernet line cards, OLT cards in one single chassis, carrying Multichannel Optical Network, and Passive Optical Network in one single chassis at

Sep 01, 2025 Hot

40G Optical Transceivers and Cables Portfolio | FS

The series of product adopts LC or MTP/MPO connector and operates over Single Mode or Multimode optical fiber. They can be used for connections from 150m up to 40km and are suitable for 40G

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Next-Gen Optical Line Terminal – 40G Capacity, SDN

Next-gen optical line terminal with 40G capacity, smart aggregation, and SDN integration for high-speed, versatile network applications.

Oct 02, 2025 Hot

What is an ONT (Optical Network Terminal)?

Unravel the mystery of ultra fast internet! Discover what is Optical Network Terminal (ONT) & how it powers blazing-fast online experience.

Aug 26, 2025 Hot

Nokia ONT G-230G-A Quick Reference Guide

Nokia ONT G-230G-A Quick Reference Guide 1. Product Overview The Nokia Optical Network Terminal (ONT) G-230G-A is the solution for home networking delivered by Gigabit Passive Optical Network

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What is an Optical Terminal Network and Why Do I

Understanding your new fiber optic network along with all the bells and whistles may seem like a large undertaking, but the terms and functions are

Nov 21, 2025 Hot

In-Depth Guide to 40G QSFP+ Optical Modules, DAC,

40G optical modules are increasingly widely used in data centers. 40G optical modules can reach up to 40Gbps to help data centers relieve operational

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Pluggable Transceivers Installation Guide

The SR4 QSFP+ module provides a 40 Gb optical connection using MTP ® (MPO) optical connectors over four pairs of parallel multimode fiber. The SR4 QSFP+ module is compatible with OM3 or OM4

Oct 22, 2025 Hot

40G Optical Modules | Renhotec

Browse Renhotec 40G optical modules for high-speed data communication, network equipment, and optical link integration.

Dec 24, 2025 Hot

What Is ONT? Understand Optical Network Terminal in

An Optical Network Terminal (ONT) is a critical device in fiber-optic networks, enabling high-speed, stable connectivity for homes, businesses, hotels,

Nov 11, 2025 Hot

ONT 4 Ports Gbit, 4 Tel (indoor/outdoor) | FiberLAN

G-440G-A Optical Network Terminal (ONT) with four Gigabit Ethernet, four POTS is part of the industry-leading Nokia ONT product family and is compatible with the

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40G Optical Transceivers and Cables Portfolio | FS

40GBASE Optical Transceivers and Cables Portfolio Product Overview The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet

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ONT (Optical Network Terminal): A Detailed Guide

ONT or Optical Network Terminal is a device that can get a fiber-optic internet connection in your home or office by communicating directly with ISP (Internet

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Optical network terminals (ONTs)

An optical network terminal (ONT) is a device used to “convert” the signals from the fiber network into a technology that end-users can use to connect their devices, like laptops, tablets, smartphones,

Jul 17, 2025 Hot

What Is an ONT? Optical Network Terminals Explained I

An ONT (or optical network terminal) has a pivotal role in a fiber internet system. How exactly does it work? We explain in this guide.

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40G Optical Transceiver – Sanopti

The 40G QSFP+ optical module is an optical module with a transmission rate of 40Gbps. It is a new Ethernet standard with many advantages, mainly used for the interconnection of data center servers

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QSFP+ 40G ZR4 Optical Transceiver Module 80km

Asterfusion 40G QSFP+ ZR4 optical transceiver modules support 40GBASE-ZR4 Ethernet. QSFP+ 40G 80km optical modules are designed for Ethernet,

Oct 21, 2025 Hot

QSFP 40G Optical Transceivers | Precision OT

Find 40G optical transceivers that meet your system and network needs, including QSFP+ and a variety of cables enabling 40Gb/s Ethernet speeds.

Oct 30, 2025 Hot

GPON OLT Basics and Beyond: A Comprehensive Introduction

In today's rapidly evolving optical networking landscape, GPON (Gigabit Passive Optical Network) technology stands as the mainstream solution for delivering fast, stable, and high-capacity

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What is an optical network terminal (ONT)?

What is an optical network terminal (ONT)? An optical network terminal (ONT) is a device that serves as the endpoint of an optical network,

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Cisco 10G Routed PON ONT Data Sheet

These 10G optical network terminals for fiber-to-the-premises applications can be managed remotely and are interoperable with the Cisco Routed PON solution. Three models offer a

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What is an Optical Network Terminal (ONT)? Your

This is where the ONT comes in ☐☐ What is an Optical Network Terminal (ONT)? An Optical Network Terminal (ONT), also known as a fiber

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Amazon : Optical Network Terminal

Optical network terminals provide a seamless bridge between fiber optic and Ethernet networks. Discover plug-and-play convenience and auto-negotiation features.

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What is ONT? The Engineer's Guide to Optical Terminals

What is ONT and how does it work? Learn the engineering reality behind the Optical Network Terminal, ONT cables, photoelectric conversion, and LOS troubleshooting.

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What Is An ONT? – A Quick Guide

The Optical Network Terminal (ONT) is a cornerstone of contemporary fiber-optic communication networks. As the intermediary between

Jan 08, 2026 Hot

QSFP+ 40G LR4 Explained: Your Ultimate Guide to 40G

QSFP+ 40G LR4 enables high-speed, long-range data transfer for data centers, enterprises, and telecoms, supporting reliable 40G network growth

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High-Speed 40G QSFP+ Optical Transceivers for Long

Conclusion The 40G QSFP+ 10~40km optical transceivers from Gezhi Photonics offer high-speed and long-distance data transmission capabilities,

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40G-SONT Technologies Co., Ltd.

SONT Technologies Co., Ltd. With the video streaming, remote work and real-time communication needs, Telecom networks rapid growth. SONT provides advanced optical transceiver solutions for

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40G QSFP+

40G QSFP+ Applications The 40G SR4 QSFP-optical module is often used with the MPO/MTP connector, and can also be used with mTP/MPO to LC fiber jumpers

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40Gb/s QSFP+ Active Optical Cables

Amphenol provides a series of 40G QSFP+optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series.

Sep 25, 2025 Hot

140W Optical Network Terminal (ONT140W)

The Tellabs 140W Optical Network Terminal (ONT) offers 4-port Gigabit Ethernet connectivity for the new enterprise LAN. The ONT can be integrated inside office

Jul 31, 2025 Hot

Fiber ONT | Nokia

Your optical network terminal is your face to your customer, so it had better be good. Get the best fiber ONT for your FTTH broadband services. Read more.

Jan 01, 2026

Contact Us

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