

Price List for 100G Optical Line Terminals for Smart Cities



Article Overview

100G OLTs and optical transceivers for smart city networks range from \$35 for short-reach modules to over \$20,000 for long-haul coherent solutions, depending on type, distance, and vendor.

100G OLT and Optical Module Types

For smart city deployments, 100G OLTs typically use the following optical modules:

- QSFP28: Compact, high-density modules with four 25Gbps channels, suitable for short- to medium-distance links (100GBASE-SR4, PSM4, LR4) and increasingly popular for urban networks due to space efficiency and lower power consumption .
- CFP/CFP2/CFP4: Larger modules supporting 100Gbps transmission over various distances. CFP2 and CFP4 are smaller and more power-efficient than CFP, making them suitable for higher-density OLTs .
- CPAK: Vendor-specific pluggable modules (e.g., Cisco) for 100GBASE-LR4, CWDM4, and PSM4 applications, supporting distances from 500m to 10km .

Typical Price Ranges

Pricing varies based on reach, technology, and brand:

- Short-reach 100G SR/PSM4 modules: \$35-\$250 per unit for compatible or third-party modules

Article Content

100G OPTIC Price

100GBASE QSFP Active Optical Cable, 10m. 100GBASE QSFP Active Optical Cable, 30m. 100GBASE QSFP Active Optical Cable,

Optical Transceiver Pricing: Cost Ranges by Speed and Type

See practical price ranges for 1G–100G optical transceivers, DAC/AOC options, and why cost varies by speed, reach and technology

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Learn what an OLT (Optical Line Terminal) is, how it works in fiber networks, its role in telecommunications, and key

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Buy 100G QSFP28 Optical Transceiver Modules by Amphenol XGIGA Factory-Direct at Cables on Demand in 100GBASE-SR4

The latest optical line termination (OLT) solutions for 2024

A look at the market for network optical line termination (OLT) equipment and some of the products and solutions available.

Exploring the Future of Optical Line Terminals in Smart Cities

As cities evolve into smarter and more connected ecosystems, the role of technology becomes increasingly pivotal.

100G QSFP28 Optical Transceiver Modules | FiberMall

At present, 100G transceiver accounts for a large proportion of the cost of network construction. Among these optical modules

Optical Line Terminals – Buyer's Guide & Supplier List | RP Photonics

This buyer's guide for optical line terminals provides technical background, comparison of major types, selection criteria, and an

JTOPTICS 100G Transceivers | High-Performance 100G Solutions

100G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data centers, enterprise networks,

Optical Line Terminal Price, 2026 Optical Line Terminal Price ...

The Optical Line Terminal Price is an essential part of our Fiber Optic Equipment offerings. Selecting factory-priced fiber optic

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

In many cases, the biggest differences are not optical performance, but branding, EEPROM coding, warranty

Syrotech SY-GPON-4OLT Optical Line Terminal

Get Syrotech SY-GPON-4OLT Optical Line Terminal in Noida, Uttar Pradesh at best price by Go IP Global Services Private Limited.

Optical Line Terminals (OLT) Archives

Optical Line Terminals (OLT) convert data to optical signal for optical distribution throughout the outside plant network.

OLT (Optical line terminal) | G-PON (Gigabit passive optical network ...

A gigabit passive optical network (G-PON) comprises optical line terminals (OLTs) and optical network units (ONUs), and Murata's

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Explore our range of high-quality GPON, EPON, and XG(S)PON OLT products. Find the perfect Optical Line Terminal solutions for

Solution Brief From 100G Pluggable DWDM to 800G and Beyond

If you instead opt for a 100G solution with PAM4 transceivers in the QSFP28 form factor, an active open line system such as

100G QSFP28 Transceiver Modules | Optical Transceivers

The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution

(PDF) Optical-access networks for smart sustainable cities: from ...

Therefore, optical-access networks will be a crucial part of the smart cities' network infrastructure as they provide cost

OLT Deployment New Strategies for ISPs and Enterprises

As demand for fiber-optic broadband grows, service providers and businesses must optimize their OLT deployment

100G QSFP28 Transceivers for High Performance

From short-reach data center links to 300 km DWDM deployments, our 100G portfolio is designed to scale

Fiber Optic Components Market Size, Share, Latest Trends & Growth ...

Fiber Optic Components Market Market Size, Share & Trends According to Marketsandmarkets, the fiber optic components market

100G Optical Module Market Research Report 2034

100G Optical Module market valued at \$7.65B in 2025, projected to reach \$15B by 2034, growing at 7.8% CAGR through enhanced

Contact Us

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