

Finnish manufacturer s high-speed optical connection 40G



Article Overview

Orbis Oy, a Finnish company, provides high-quality 40G fiber optic solutions including QSFP+ modules, AOCs, DACs, and custom fiber assemblies for data centers and telecom networks.

Overview of Orbis Oy

Orbis Oy, established in Finland, specializes in fiber optic technology and wireless RF solutions for building internal networks, transportation, and defense industries . Their production facilities in Saue, Estonia, allow for customized fiber optic cables, panels, and connection boxes, ensuring fast delivery and high-quality performance. Orbis's products are widely used by major Finnish telecommunications operators, highlighting their reliability and industry trust .

40G Optical Solutions

Orbis manufactures high-speed 40G optical connections suitable for data centers, enterprise networks, and telecom backbones. These include:

- QSFP+ Modules: Standardized 40G transceivers for short-range (SR), extended short-range (eSR), long-range (LR), and PSM4 applications. They support full-duplex transmission up to 43.02 Gbps over distances ranging from 100 meters to 10 km, depending on fiber type and module configuration .
- Active Optical Cables (AOC): Integrated optical modules with transceivers at both...

Article Content

X-linkit 40G Optical Modules: The Complete Guide for High-Speed ...

X-linkit's comprehensive portfolio of 40G optical modules delivers exactly that, offering a full-distance matrix from 100

Internet Service Providers (ISP's) in Finland

Elisa 5G Kotinetti enables fiber-optic high-speed internet connections for detached and semi-detached homes. Site in Finnish but

Comprehensive Guide to High-Speed Optical Transceivers: 40G to

From legacy 40G to advanced 800G modules, each type serves a unique role in network evolution. This guide introduces high-speed

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

In data centers and enterprises, 40G QSFP+ series optical transceiver modules are generally used to build 40G network connectivity

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data

QSFP-40GB Transceivers Guide and Compatibility

Data centers are now migrating to blazing fast 40G, and QSFP+ transceivers as a necessary component in making sure high speed

QSFP+ 40G Optical Transceivers, 40G Fiber Optic Transceiver

40G QSFP+ BIDI optical transceiver module is a pluggable optical transceiver with a duplex LC connector interface for short-reach

QSFP+ 40G transceivers

This category includes all types of QSFP transceivers for 40G data connections, including SR4 multi-mode, eSR4 multi-mode, IR4

40G QSFP+ | FS Twinax Cables

FS 40G DAC cable, passive/active DAC from 0.5m to 10m, cost-effective alternative to connect two 40G Ethernet ports of network

Fiber Optic Cables

FS provides multiple fiber optic cable types and cabling solutions proven in the demo scenario lab to ensure reliable high-speed

Huawei Compatible 3m (10ft) 40G QSFP+ Active Optical Cable

The 40G-QSFP-A is an advanced Active Optical Cable (AOC) designed for high-performance, high-speed connectivity. It features

Migrating to a 40GB Network: Step-by-Step Guide

Why Migrate to a 40GB Network As data centers rapidly grow and develop, the need for a faster network connection also increases.

Internet Providers in Finland

In Finland, there are essentially three sorts of internet options in Helsinki, Espoo or Tampere: DSL, link, and fiber-optic. DSL is

Top Fiber Optic Cable Manufacturing Companies in Finland

When exploring the Fiber Optic Cable Manufacturing industry in Finland, several key considerations emerge. The country is known

What is QSFP-40G-SR-BD Optical Transceiver, Everything You

This article will describe what the QSFP-40G-SR-BD is and will also detail the benefits of this module and how it works.

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

Fiber Optic Products Supplier & Manufacturer

Optical transceivers can both transmit and receive data with high speed and security. Our company offers a diverse range, with

Contact Us

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