



• PRODUCT OVERVIEW:



InterOptic

BRAND EQUIVALENT — MINIMIZE RISK OF DOWNTIME

OUR TECHNOLOGY

InterOptic supports a full line of industry-standard IEEE/MSA transceivers in addition to custom-designed optical products that meet key customer applications. We have developed a best-of-breed supply chain comprised of only the industry leading component manufacturers to bring you identical technology used by OEMs at a fraction of the cost. Our product line spans all generations of form factor, rates, power levels and wavelengths.

COMPATIBILITY

Our products are engineered to be OEM brand-equivalent for 100% plug-n-play compatibility. This requires a complete understanding of the operation of the devices in the OEM platform. Far more than passing traffic, it includes proper initialization, query response, troubleshooting, optical monitoring, and proper display in the OEM or third-party operations systems.

We support major OEM switch and router platforms including:

- Arista
- Brocade (ICX, MLX, SLX, VDX product lines)
- Cisco
- D-Link
- Extreme
- F5
- Intel
- Juniper
- Meraki
- NETGEAR
- Solarflare
- Ruckus
- and more

SAVINGS

We have optimized the complex supply chain for optical transceivers in order to pass on further savings to you. Standard OEM transceivers can often account for up to 70% of LAN and WAN fabric costs. Our transceivers drive savings of 30% to 60% over OEM offerings while maintaining our strict performance and operational standards.

WHAT IS BRAND EQUIVALENT?

Brand Equivalent devices are produced at the exact same manufacturers as OEM devices so customers get identical optical and electrical performance in the short term and reliability in the long term.

Brand Equivalent devices are coded for identical operation as OEM devices when deployed in production.

INTEROPTIC TRANSCEIVERS



◆ **QSFP28**
100Gb/4x25Gb



◆ **QSFP+**
40Gb/4x10Gb



◆ **SFP25**
25Gb



◆ **SFP+**
8Gb-32Gb



◆ **SFP**
1Gb-4Gb



PERFORMANCE

Given our deep understanding of optical applications, we can specify extended parameters in key performance metrics to meet large-scale networking needs. Other suppliers lack decades of experience in large-scale optical deployments and fail to even recognize the unique needs these rollouts require. The result is subpar products with with dropped packets, buffer overruns and even premature laser failures which can cause retransmission and dropped links.

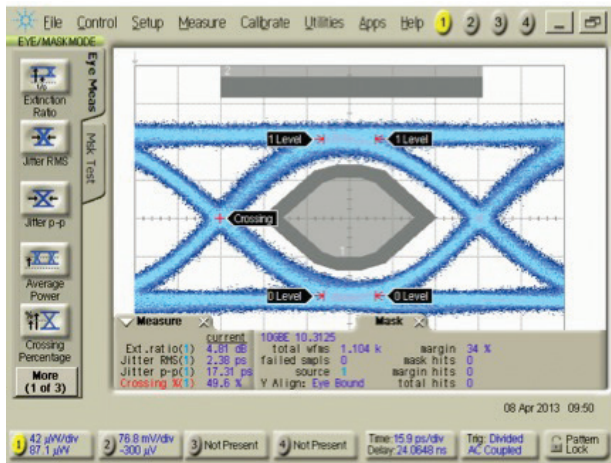
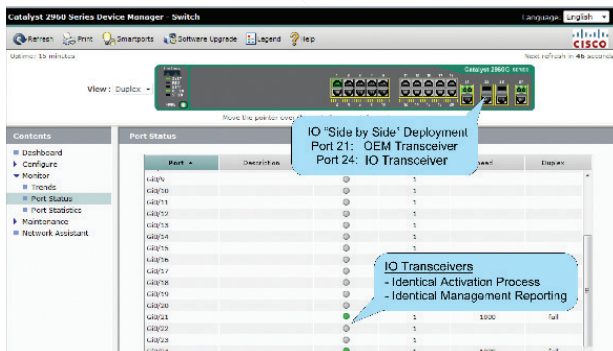


Fig 1. Optical eye diagram of an InterOptic 10 Gbps module with healthy margin beyond the IEEE mask minimum.

OPERATION SYSTEMS

Operations is the lifeblood of a successful network. At InterOptic, we design all our products to not only meet or exceed transmission performance, but also to exactly match the operational behavior of the OEM transceiver in its field system installation. This involves exact command compatibility across provisioning, testing/troubleshooting, queries, etc. Whether on a systems front panel indicators or through the external OS, indication of operations works flawlessly.



VOLUME AND DELIVERY

What good is achieving savings over OEM products if you cannot meet supply demands? We have exclusive arrangements with the top optical component manufacturers and can deliver quantities in line with the largest OEMs. We have produced tens of thousands of transceivers under accelerated lead times to meet our customers' needs. We work with you to deliver to your forecasts and manage our supply chain for just-in-time shipment to your installation sites. For key initiatives, we often undertake pre-buying and inventory management to share risk.

SUPPORT

Given the critical nature of network traffic and the increase in network size and complexity, uptime cannot be compromised. That it is important to rely on proven and highly experienced suppliers such as InterOptic. Why take chances on gray-market transceivers that don't have the detailed characterization testing we conduct as a matter of course? InterOptic provides traceable manufacturing history and performance.

WARRANTY

InterOptic devices come with a 5-year no-nonsense warranty.

THE TRUE PRICE OF CHEAP OPTICS

- ◆ With all the issues that network architects and data center managers face today, you don't need to be worrying about whether or not your optics will work when you plug them in and keep working as long as you need them to. But IT professionals are also under tight budget constraints and are looking for easy ways to save costs.

Enter [InterOptic](#).

By optimizing the procurement of optical components from the same manufactures that the OEMs use; InterOptic can save you 30 to 60% from OEM "discounted" prices while providing the EXACT same quality components.

So our customers can rest easy knowing that their network won't suffer from the re-transmission slow-downs or failed links of low quality optics. With MTBFs that measure towards 1 billion hours; instead of troubleshooting their networks our customers can focus on critical issues such as security and growth.