

● PRODUCT OVERVIEW:



BRAND COMPATIBLE —
 MAXIMUM SAVINGS, WITHOUT COMPROMISING RELIABILITY

THE PROBLEM:

Today, IT architects and managers are being asked to do more and more with less and less budget. With increased bandwidth needs, additional workloads, IoT and ever-increasing security risks today's IT professionals are having to make hard decisions and put off needed upgrades in order to allocate budget to critical issues. But these upgrades are still needed, and the situation only becomes worse by the day.

THE SOLUTION:

There exists a simple way to drastically save on the cost of large networking upgrades without risking the reliability of your network: **AONETVALUE**

Brand compatible optical transceivers, AOCs and DAC cables can drastically move the cost needle on your next systems upgrade / build-out while maintaining perfect compatibility, good performance and solid reliability.





COMPATIBILITY

Our products are engineered to be 100% OEM brand-compatible. 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 operating systems. AONetvalue devices are designed and tested to work seamlessly when installed and to keep working throughout the life-cycle of your data center.

With nearly 500 products, we support all major OEM switch and router platforms including:

- Arista
- Extreme
- Palo Alto Networks
- Brocade
- F5
- Solarflare
- Cisco
- Juniper
- D-Link
- Meraki

AONETVALUE TRANSCEIVERS

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 - QSFP28
100Gb/4x25Gb
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 - QSFP+
40Gb/4x10Gb
- 
 - SFP+
8Gb-32Gb
- 
 - SFP
1Gb-4Gb

BRAND EQUIVALENT vs. BRAND COMPATIBLE

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 Compatible devices are procured from different manufacturers but are functionally equivalent to OEM devices. They are individually tested in the specified OEM platform environment to ensure excellent performance and reliability at the maximum savings.

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

PERFORMANCE AND RELIABILITY

They are tricky questions; what is “good” vs “the best” performance and “solid” vs “the highest” reliability? Fortunately, you don’t have to solve that problem or try and do those measurements, AONetValue does it for you! Using state-of-the-art optical and electrical testing equipment, driven by engineers who have designed these devices and have worked with them for decades, AONetValue compares multiple manufacturers and devices across the industry to find the ones with the highest quality at the lowest costs. Rather than simply selecting the cheapest manufacturer and hoping for the best, AONetValue takes the risk out of sourcing low-cost OEM compatible optics using careful analysis’ and years of experience.

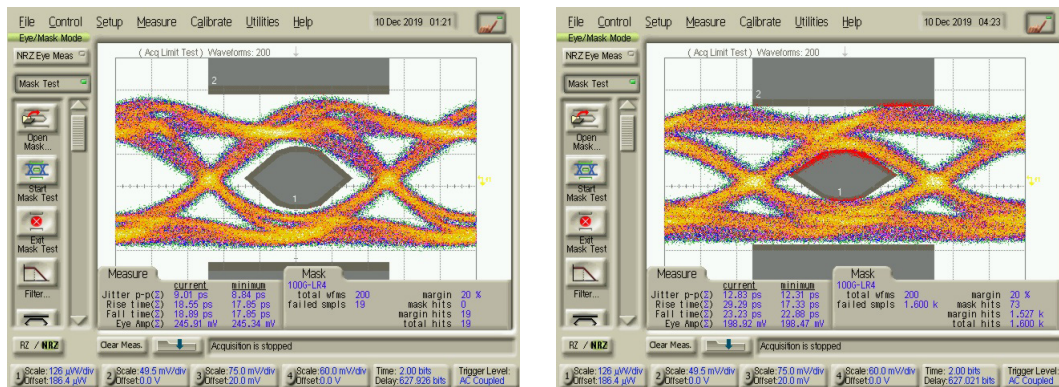


Fig 1. Brand equivalent vs. brand compatible: Comparison of thermally stressed 100 Gbps transceivers.

As you can see on the left, devices from a brand equivalent manufacturer pass data “eye opening” tests; even under stressed conditions. Devices from a brand compatible manufacturer on the right are getting bit errors. Under ideal operating conditions the difference between the two isn’t apparent but if the HVAC goes out the brand equivalent device will be error-free while the brand compatible device may see some dropped packets.

OPERATION SYSTEMS

Operations is the lifeblood of a successful network. AONetValue products meet or exceed OEM 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.

THE RESULTS OF ALL THIS TESTING

AONetValue ensures that our customers get good quality devices that can be relied upon for years, even in the most cost-sensitive applications.

WARRANTY

AONetValue devices come with a 3-year no-nonsense warranty.