

# 40G Access Switch Test Report



## Overview

The purpose of this document is to provide details as to how to set up such a test and then how to obtain the best performance from the 40-Gbps ports of Supermicro Switch models SSE-X3348S/SR and SSE-X3348T/TR. Confirm the brand, quantity and placement of the switches to be tested. Prepare control cables, test software and optical fiber patch cords. Locate the Console port on the switch, which is usually marked as "CON" on the switch, although some switches may display it. Moduletek has launched a multi-mode optical module model QSFP-40G-SR4-C-G11, which can support 40G Ethernet applications. Moduletek has tested the samples of this model, which is convenient for you to further understand the core performance index of the module and the actual effect of the module in. Network Topology: A diagram illustrates the connection between a Cisco C9500-24Y4C switch, an FS QSFP-SR4-40G transceiver, an Intel E810-CQDA2 Network Interface Card (NIC), and an FS RS7260 server via optical fiber. Interoperability Test Scenario: An image shows a server rack populated with. If you are migrating access or aggregation links and your switches offer QSFP+ 40G ports, the wrong 40 gigabit transceiver can cause link flaps, optical power violations, or vendor

lock-in headaches. Summary The high-end Supermicro 10-Gbps Ethernet Top-of-Rack (ToR) switches SSE-X3348S/SR and SSE-X3348T/TR have four 40-Gbps Ethernet ports in addition to the forty-eight 10-Gbps Ethernet ports. We performed a. This TIDA-00427 design guide summarizes the results of 100G CAUI-4 testing using the DS280BR810 low-power, 28-Gpbs, 8-channel linear repeater from Texas Instruments (TI). The DS280BR810 has been tested in.

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Use the Compatibility Tool to verify FS transceiver compatibility with your device and access test reports. The QSFP+ module is designed for use in 40GBASE Ethernet throughput up to 2km over ...



Log in to the switch using the test interface, account, and password, then enter privileged mode. Execute relevant switch commands to view port status (connectivity, connection rate, alarm status), ...



Confirm the brand, quantity and placement of the switches to be tested. Prepare control cables, test software and optical fiber patch cords. Power on the switches in advance.



This video shows compatibility test of 40G QSFP+ ER4 on HUAWEI CloudEngine 6865E 48S8CQ Network Switch, showing the excellent working ...



The actual test data shows that the core performance index of QSFP-40G-SR4-C-G11 optical module is in accordance with the definition of Moduletek ...



The actual test data shows that the core performance index of QSFP-40G-SR4-C-G11 optical module is in accordance with the definition of Moduletek datasheet, and is comparable to the ...



This document explains the test methodology, the test bed, and the performance tuning parameters followed in order to obtain the best throughput results. This test determines the maximum throughput ...



The Teledyne LeCroy Xena testers can perform the RFC 2544 test suite for 100G and 40G Ethernet interfaces at all frame sizes and at full-line rate, allowing service providers to certify that the circuit is ...



If you are migrating access or aggregation links and your switches offer QSFP+ 40G ports, the wrong 40 gigabit transceiver can cause link flaps, optical power violations, or vendor lock ...



This user's guide also shows test results for the specifications of 40-GbE nPPI and SFF8431. The experiments in this report demonstrate the ability of the DS280R810 to provide excellent signal ...



This video shows compatibility test of 40G QSFP+ ER4 on HUAWEI CloudEngine 6865E 48S8CQ Network Switch, showing the excellent working performance of the transceiver. ...more

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