

Madagascar OTN Router 40G



Overview

Highly integrated, low power 120 Gbps or 240 Gbps Smart PHY OTN processor device that supports up to 24-port 10G, 6-port 40G, or 2-port 100G Ethernet over OTN with MACsec, integrated Gearbox and 25G/28G CAUI-4/OTL4. The X12/X240 products integrate 100G Gearbox functionality with Ethernet PHY and OTN framer, delivering a cost and power optimized small foot print solution. The module connects directly into any 40 Gigabit Ethernet transport network, including traditional OC-768. Optics supports Optical Transport Network (OTN), a standard defined by ITU G. The standard defines OTN as a set of optical network elements that are connected by optical fiber links. Optics performs the following functions on optical channels that carry client signals: Optics bridges the gap. This data sheet provides detailed product specifications for an important element of the Cisco® Ethernet Optimized solutions: the Cisco CRS 4-Port 40GE LAN/OTN Interface Module (Figure 1).

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Any error in the SYNC bits or control block type introduced in the OTN network (extremely unlikely if FEC used) will be converted to an error 66B codeword on egress.



Flexible devices for transporting 1G - 40G data, storage, voice & video over DCI & metro optical networks. Integrated in a 1U chassis. Simple maintenance.



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Starting from Junos OS Release 15.1F5, the 100-Gigabit DWDM OTN MIC—MIC3-100G-DWDM—is supported on MPC3E (MX-MPC3E-3D) and MPC3E NG (MPC3E-3D-NG) on the MX240, MX480, ...



Today, EXFO's 40G/100G portable solution, composed of the portable FTB-500 Platform and the FTB-85100G Packet Blazer 100G/40G Ethernet Test Module, offers a complete suite of testing capabilities ...



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The OTN Wrapper encapsulates 10G LAN, 40G LAN, and 100G LAN into the corresponding OTU1e or OTU2e, OTU3, and OTU4 containers, respectively. This enables the ports ...



QSFP-40G-SR4-S is aligned to IEEE 40GBASE-SR4 optical specifications which support high-bandwidth 40G optical links over 12-fiber parallel fiber terminated with MPO/MTP multifiber ...



The X120/X240 are ideal for high capacity Carrier Ethernet router/switches, Packet Optical Transport systems and DWDM Transport systems. Its integrated, high performance SerDes interfaces ...

Contact Us

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