

Refurbished CISCO OSM-10C48-POS-SS Datasheet

CISCO > INTERFACES-MODULES

Cisco Optical Services Modules

Features and Benefits of the OC-48c/STM-16 POS Enhanced OSM.

Feature	Benefit
Software-upgradable feature sets using the Cisco PXF network processor	Greater flexibility to support new features through software upgrades, while delivering performance similar to application-specific integrated circuit (ASIC)-based designs
Throughput of up to 5.5 Mpps per PXF IP services processor	High performance to support line-rate OC-48/STM-16 bandwidth
Four ports of Gigabit Ethernet, in addition to the OC-48 SONET ports	Simultaneous WAN and LAN access to meet diverse applications
Direct memory access (DMA) memory of 256 MB per PXF network processor	Supports a minimum of 8000 QoS queues per PXF network processor
Support for a minimum of 511 and a maximum of 1023 virtual routing and forwarding (VRF) instances per chassis for MPLS Layer 3	Outstanding service density per chassis for support of MPLS VPN services for end customers
Support for enhanced QoS features, including Class-Based Weighted Fair Queuing (CBWFQ), Low-Latency Queuing (LLQ), and Weighted Random Early Detection (WRED)	Improved delivery of service-level agreements (SLAs) to end customers
Support for Layer 2 network services, including Frame Relay and ATM, transported over MPLS network architectures	Ability to deliver both Layer 2 services, such as Frame Relay, Ethernet, and ATM, and Layer 3 services, such as Internet access and 2547 VPNs, in a consolidated network architecture

Enhanced OSMs for 1-Port OC-48c/STM-16 POS Versions

Description	1-port OC-48/STM-16 SONET/SDH enhanced OSM, single-mode, short-reach with 4 Gigabit Ethernet (GE)
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The next steps...

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