



Model Shown OSP-2328G2

## Product Features

- Carrier Class Optical L3 / L2 Switch
- Full Rapid Ring redundancy
- 24 + 4 SFP Wire Speed ports
- 12.8 Gbps Switching Fabric
- 8 Unit Stacking (192) ports
- VLAN Membership across the stack
- Link Aggregation across the stack
- Traffic Monitor across the stack
- L2 VPN over MPLS
- 4 Combo 1000Base SFP Ports
- 4096 Simultaneous VIDs
- Port Based VLAN Allows Overlap
- Q-n-Q Double Tagging
- QoS L2 - L4
- Dynamic VLAN (GVRP)
- Classic Spanning Tree
- Rapid Spanning Tree
- 8 Queues per Port
- TC1 Tagging
- Redundancy via VRRP
- MPLS: VPWS (Draft Martini)
- Label Distribution Protocol (LDP)
- 256 L3 Multicast Groups
- Auto Negotiation MDI/MDIX
- Network Troubleshooting Tools
- Link Layer Discovery Protocol
- SNMP v1 / V2 / V3 - RMON Group 1,2,3,9

OSP Networks provides the first line of **Carrier-Class** stackable and manageable Layer 2 and Layer 3 Switches. The units have fixed 24 Fast Ethernet ports and 4 Gigabit Ethernet ports with optional SFP modules. Advanced support for VLAN trunking, QoS and traffic monitoring. QoS functionality enable the prioritization of traffic in 8 queues as well as the control of the available bandwidth in 64 kbps increments.

**OSP 2328G2** series offers L3 wire speed packet switching with up to 512 virtual router interfaces and routing tables for 4k hosts and 16k sub-networks. RIPv2, OSPFv2 and BGPv4\* protocols are supported for unicast routing, PIM\* for multicast, as well as VRRP\* for equipment redundancy.

Besides IP routing features, the **OSP 2328G2** series also supports MPLS functions as Label Edge Router. Protection mechanisms include Classic, Rapid and Multiple Spanning Tree, as well as EAPS.

Up to 32 link aggregation groups with up to 8 active ports per group may be configured offering sub-200ms protection. This way topologies with redundancy and protection may be built using QoS functionalities for high throughput and reliability services.

OSP Networks Ethernet Switch line offers reliable high performance solutions for metro LAN and corporate network environments. Offering Fast Ethernet, Gigabit Ethernet and 10 Gigabit\*\* Ethernet technologies, supporting copper and fiber. OSP Networks switches can be used in client connections, servers and network traffic aggregation.

The Metro Ethernet Network may be managed via OSP Networks OSP-View, a Windows PC or server based centralized management software package. The equipments use a Command Line Interface, available through SSH, Telnet and RS-232 serial local port and also offers a Web interface, using HTTPS. Centralized management network using SNMP v1/v2c/v3 and RMON. Users may also be authenticated through RADIUS and TACACS+ so that the management of the equipments is done with complete security. The equipments can store multiple firmware loads and configuration image files, in order to simplify upgrades.