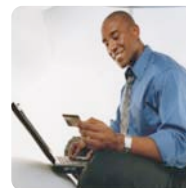


Huawei OptiX Metro 3600



Huawei
OptiX™ Metro 3600

- Next generation OC-48/OC-192 Multi-Service Transmission System
- Universal service units across all OptiX Metro Platforms
- Ideal for Metro/Metro Core Multi-Service Concentration/Aggregations
- Integrated DCS function with STS-1/VT1.5 grooming
- Feature-rich Ethernet over SONET
- High density and low power consumption
- 8 RU high with 14 universal slots for service adaptation
- Complete equipment and facility protection
- NEBS Level 3 Certified



14" (H) x 17.2" (W) x 13.8" (D)

High Capacity/Flexible Multi-Service Aggregation at the Metro Core

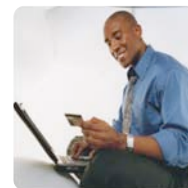
With integrated 3/1 DCS (via its large VT switching fabric) and multi-service transport functionality, the OptiX Metro 3600 performs multiplexing, switching, and grooming for multi-protocol traffic streams in the metro core. With Metro 3600, customers can preserve legacy TDM service, meet ever-growing new packet service demands. These lead to significant CAPEX and OPEX savings through its reduced footprint and power consumption, increased functionality and high density.

OptiX Metro 3600 supports both UPSR and 2F/4F-BLSR. With its large capacity STS-1 switching fabric, Metro 3600 can terminate multiple of OC-48/OC-192 or/and tens of OC-3/OC-12 rings.

OptiX Metro 3600 will help customers to

- **Drastically reduce capital expenditure** --- Large STS-1 and VT fabric - eliminating the need of dedicated O-E-O cross-connect and 3/1 DCS NEs in many applications.
- **Significantly reduce operations cost** --- Consolidated Metro Core --- Fewer Network Elements, small footprint, modular design and low power consumption.
- **Protect existing customer base and service revenue**--- Solid SONET protection and standards based TDM features.
- **Provide end-to-end Ethernet service across the MAN/WAN**--- Sophisticated Ethernet features, plus security and QoS capabilities.
- **Consolidate the multi-service access edge**--- Multi-service transport and networking capability (aggregating and terminating DSL, Cable Modem, FTTP, wireless access traffic).

Huawei OptiX Metro 3600



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OptiX Metro 3600

Huawei OptiX Metro 3600 Specifications

Cross-connect Capabilities	768 x 768 STS-1 with 2688 x 2688 VT1.5 1920 x 1920 STS-1 with 10752 x 10752 VT1.5
TDM	224 x DS1/Shelf (Protection) 96 x DS3/Shelf (Protection) 48 x DS3 TransMux/Shelf (Protection) 48 x DS3 TransMux Server/Shelf (Protection)
SONET	112 x OC-3/Shelf, SFP module 56 x OC-12/Shelf, SFP module 14 x OC-48/Shelf, ITU grid optics 6 x OC-192/Shelf, ITU grid optics 96 x EC-1/Shelf (Protection)
Ethernet	96 x 10/100Base-T Ethernet/Shelf 48 x 10/100Base-F Ethernet/Shelf 24 x Gigabit Ethernet/Shelf
Networking Topologies	Terminal, Linear ADM Ring and Multi-Ring, Mesh
Service Protection	Linear-APS UPSR 2F/4F-BLSR
Equipment Protection	1+1 protection of cross-connect, system control and timing unit Dual Power feeds 4 x 1: N ($N \leq 2$) DS1 protection 2 x 1: M ($N \leq 4$) or 4 x of 1:N ($N \leq 2$) DS3 protection
Service Maintenance	DS1/DS3 Test Access, PRBS, Loop-back, RMON
Network Management	T11, Web LCT, SNMP T2000 Element Management System, IP & OSI DCC
Ethernet Features	HDLC/LAPS/GFP encapsulation STS-1 & VT1.5 VCAT, LCAS 802.1p/802.1q VLAN/QinQ VLAN switching
Power Consumption	350 W (typical), 600 W (Maximum)
Size	14" (8RU) H x 17.2" W x 13.8" D
Weight	< 124 lbs (55 kg)
Operating Temperature	23°F to 131°F (-5°C to 55°C)
Operating Humidity	5% to 95%
Standards Compliances	NEBS Level 3 Certified Telcordia GR-253, GR-1089 and GR-63 UL 60950