The Overture 4200/4300 series delivers GigE, fast Ethernet and DS1 pseudowire over Carrier Ethernet infrastructure. With industry leading Ethernet OAM and flexible interface options, the Overture 4200/4300 delivers all the capability needed for mobile backhaul, enterprise access and infrastructure applications.

**Simplified Services Deployment**
Simplify your network with Ethernet and DS1 circuit emulation services on a single converged solution. Deliver MEF18 certified high-performance DS1 circuit emulation services with a choice of integrated 1588v2 or precision-tuned adaptive timing. Deploy in any location with a hardened compact design that can be deployed in outside plant cabinets and tight spaces. Reduce truck rolls with a 99.999% availability solution.

**Reliability and Performance**
Don’t compromise on reliability and performance as you move from SONET/SDH to Carrier Ethernet. The Overture 4200/4300 G.8032 Ethernet ring provides sub-50ms protection switching. MEF18-certified DS1 circuit emulation meets the same rigorous performance standards as SONET. Designed for 99.999% availability with industrial grade components and redundant hot-swappable power supplies; this compact, temperature-hardened product is meant for the most demanding carrier environments.

**Market Leading Features**
The Overture 4200/4300 provides differentiated service with 64 EVCs, H-QoS, 8-dedicated queues per EVC, Ingress and Egress policing and dynamic p-bit marking. Provide differentiated SLA management with complete 802.3ah, 802.1ag and Y1731 Service OAM and 192 MEPs. MEF 18 certified DS1 circuit emulation provides more cost effective DS1 service delivery compared with SONET or router based solutions. Sub-50ms protection switching from G.8032 will impress your customers who demand SONET-level performance.
The Overture 4200-4300 provides a simplified converged solution for mobile backhaul, enterprise access and infrastructure applications.

**FEATURE** | **BENEFIT**
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G.8032 multi-node ring | Increased fiber efficiency with sub-50ms protection switching for applications that require protection just like SONET/SDH
MEF18 Certified DS1 Circuit Emulation | High-performance DS1 circuit emulation is required for mobile backhaul, voice switch and VoIP gateway trunks, SS7 circuits, and private line applications. MEF18 certification
Temperature hardened | Deploy in demanding environments like outside plant cabinets or unconditioned equipment closets
802.1ag, Y.1731 | Continuous, real-time monitoring of fault and performance on every EVC is required for network service management and SLA reporting
99.999% availability | Five-9’s availability is the mark of true carrier class services. Meet customer up-time requirements and reduce the operational cost of truck rolls

**TECHNICAL SPECIFICATIONS**

**CLIENT INTERFACES**
- 4 x 10/100/1000
- Link aggregation, 50ms switching
- 8 or 24 DS1 amp connector
- Integrated DS1 CSU/NIU

**NETWORK INTERFACES**
- 2 GigE SFPs
- SM, MM, Cu
- SX/LX/ZX/CWDM
- G.8032 Ethernet protection ring
- Link aggregation
- 50ms protection switching

**ETHERNET SERVICES**
- 802.1ad Q-in-Q
- 802.1p, DSCP and TOS
- Dynamic p-bit marking
- 8 classes of service
- 8 dedicated queues per EVC, 512 total
- Ingress/egress policing and shaping
- Jumbo frames

**MANAGEMENT**
- 802.3ah, 802.1ag, Y.1731
- 2544 test suite and reports
- MAC swap loopbacks
- Separate management processor
- SNMPv3, TL1
- Web GUI
- In-band remote management
- 10/100 and RS-232 craft port
- RADIUS
- Database backup/restoration
- MEF8 Ethernet encapsulation
- RFC 4553 SAToP
- Static label MPLS encapsulation

**PHYSICAL**
- 1.5H” x 17W” x 10D” (35 mm x 216 mm x 231 mm)
- Mounting: 1RU in standard 19” rack
- Weight: 7 lbs (3.1 kg)
- Operating temperature: -40° to +149°F (-40° to +65°C)
- Humidity: 0-95% non-condensing relative humidity
- Redundant replaceable power supplies
- Input voltage: +24VDC, -48VDC
- Power consumption: 30w max

**COMPLIANCE AND CERTIFICATION**
- CB, CE Mark
- FCC Part 15/Part 68
- MEF 9, 14, 18
- NEBS 3, Zone 4
- RoHS

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Overture Networks, Inc.
Research Triangle Park, NC
Tel: +1.919.337.4100
www.OvertureNetworks.com

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