

## ML50



The Actelis® ML50 is a compact, cost-effective, symmetrical Ethernet in the First Mile (EFM) switch that allows service providers and enterprises to use their existing copper plant to deliver up to 45 Mbps of high-quality Ethernet Services. Designed with standards-based EFM technology and enhanced by Actelis' EFMplus® technology, the ML50 cost-effectively allows service providers and enterprises to deliver Ethernet services to customers and/or facilities only served by copper. Fully hardened, the ML50 can be installed within minutes to allow the immediate deployment of Ethernet services.

The ML50's flexibility allows it to serve as either a point-to-point solution or as the customer premise unit for Actelis' ML130 and ML1300 point-to-multipoint aggregation platforms. The ML50 flexibility also allows for a simple migration path from a point-to-point link to point-to-multipoint links when utilized with Actelis' ML130 and/or ML1300 platforms. This gives service providers and enterprises the flexibility to cost-effectively begin Ethernet deployments in point-to-point configurations and as the need arises, easily migrate to dense point-to-multipoint configurations, while retaining previous investments. Available in 1, 2, 4 or 8 pair configurations, the ML50 provides both service providers and enterprises with the ability to quickly and cost-effectively deploy Ethernet services to customers and/or facilities only served by copper. The ML50 is available now to deliver Ethernet services to customers or facilities only served by copper.

### ***ML50 Highlights***

- Point-to-Point Solution or Cost-Effective CPE for Point-to-Point Multipoint Solutions Designed with standard Ethernet in the First Mile (EFM) Technology
- Enhanced with Actelis' Patented EFMplus Technology
- Bandwidth from 1-45 Mbps
- Superior Rate and Reach compared to other Ethernet-over-Copper solutions
- High Quality and Reliability for Voice and Video Applications
- SNMP Management
- Environmentally Hardened

### ***ML50 Applications***

- Metro Ethernet E-Line Extension
- E-LAN Transparent LAN Service
- Fast Internet Access
- Private Campus Network Intra-Connection
- MDU/MTU Backhaul
- DSLAM Backhaul
- Cell-site or WiFi Backhaul
- Leased Line Replacement

