

# Metro-E Advanced Private Line

Demand for high-performance, reliable and cost-efficient connectivity is higher than ever—and for businesses with multiple locations within a metro market the needs are no different. Our Metro-E Advanced Private Line (MAPL) solution provides a fully managed, fiber-based, dedicated connection that you can rely on.

With Ethernet switches deployed at your premises and managed by us, MAPL uses point-to-point Ethernet Virtual Circuits (EVC) over dedicated fiber to deliver service within a metro market. From implementation to ongoing operations, we manage the service and equipment—giving you peace of mind, significantly lowering capital expenses, and reducing risk for your organization.

## Key Benefits

### Privacy

We provide private Ethernet point-to-point connectivity directly between your locations with no shared transport elements (such as repeaters) avoiding potential network congestion and creating a truly private connection.

### Security

On premises switches and dedicated fiber connectivity provide a high level of security.

### Expertise

With more than 25 years of experience in building and maintaining fiber networks, we design and deliver turn-key Ethernet solutions with you in mind. And since we install the switches on your premises, turn up is seamless for you.

### Service

We have locally based service teams who are available to you whenever you need them, and with our around-the-clock Network Operations Center, you can be sure your network is always in good hands.

More than  
**25 Years**  
of Expertise

**NYSE**  
**S&P 500**

## Our Solutions

- › Towers
- › Small cells
- › Dark Fiber
- › Ethernet
- › Wavelength
- › Managed SD-WAN
- › Internet Access
- › **Private Networks**
- › Colocation
- › Cloud Connect
- › Optical Encryption
- › DDoS Defense
- › Bandwidth on Demand
- › Fixed Wireless
- › Ultra-Low Latency
- › Video Transport

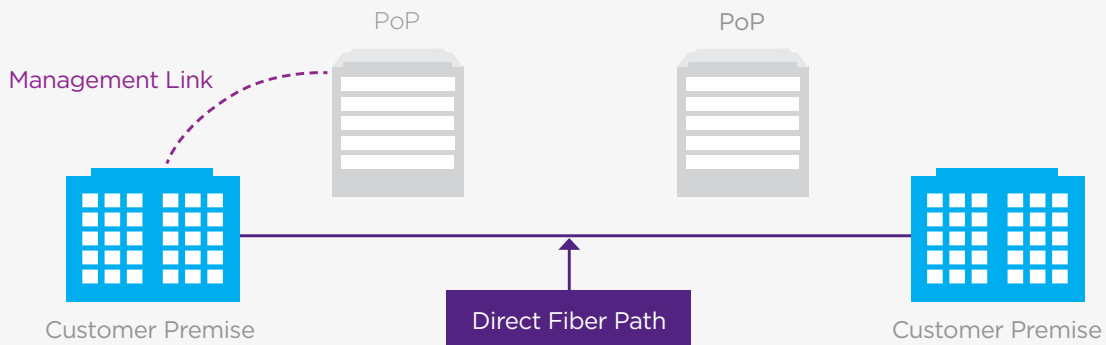
## Key Features

- › Supports capacity options from 1Gbps to 10Gbps
- › Provides secure, private Ethernet connectivity between customer locations
- › Direct fiber path provides consistent, low latency performance for delay sensitive applications
- › Our dense metro fiber footprint gives you more diverse paths and unique routes
- › Our Ethernet product portfolio is backed by strong Service Level Agreements (SLA)

## Technical Specifications

SPECIFICATION	DESCRIPTION
Technology	Layer 2 Ethernet over private fiber
Throughput	1Gbps to 10Gbps
Interface	1GE or 10GE
Framing	Jumbo frames to 9100 bytes
Network Management	24/7 monitoring and surveillance
Network Options	Metro configurations
Availability	Most on-net locations throughout our network
Topology	Point-to-point

## Metro-E Advanced Private Line



Crown Castle owns, operates and leases more than 40,000 cell towers and approximately 85,000 route miles of fiber supporting small cells and fiber solutions across every major US market. This nationwide portfolio of communications infrastructure connects cities and communities to essential data, technology and wireless service—bringing information, ideas and innovations to the people and businesses that need them.