

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

Enhanced network security

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

Simplified network management

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.

Dedicated support and monitoring

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.

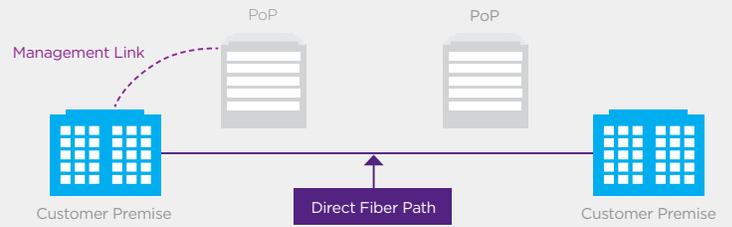
Key Features

- › Supports capacity options from 10Mbps to 100Gbps
- › 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	10Mbps to 100Gbps
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

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Why Crown Castle?

Our unique, nationwide portfolio

With approximately 90,000 route miles of fiber, we own and operate one of the largest and densest fiber networks in the country with a presence in 23 of the top 25 US markets.

Our proven track record

In our 30+ years of experience owning and operating network assets we've seen it all and we're always ready to adapt to changing network trends.

Our deep expertise

We've worked with nearly every industry so we understand your unique opportunities and challenges and can tailor solutions to meet your goals.

Our solutions

We have your networking and security needs covered. Visit our [infrastructure solutions](#) page to learn more about our suite of solutions and how they can solve your toughest challenges.



Crown Castle owns, operates and leases approximately 40,000 cell towers and approximately 90,000 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.