



Wavelengths



Move Data at the Speed of Now

Dedicated optical paths that deliver consistent performance and uncompromised reliability



High-Capacity
Transport



Ultra-Low
Latency



Diverse Optical
Paths



Always-On Local
Support

When your business runs on time-sensitive applications, you need more than speed. You need consistency and reliability. DQE Wavelengths give you deterministic, high-capacity transport with predictable performance. And because local engineers monitor every route, you get fast answers, clear accountability, and a team that responds like your uptime depends on it.

Better Dark Fiber from DQE

- **Dedicated Optical Capacity** — Up to 400G on a private, uncontended path you control.
- **Engineered Route Diversity** — Multiple physical paths are often available on our 100% fiber backbone for reliable-by-design performance.
- **Millisecond Latency** — Intra-metro transport typically in the 1–2 ms range for AI, replication, imaging, and real-time workloads.
- **Complete Traffic Isolation** — No shared circuits, no crosstalk; just clean, predictable transport.
- **Carrier-Grade Reliability** — Built for always-on performance and monitored 24/7/365 by Pittsburgh-based engineers.
- **Flexible Architecture** — Choose from point-to-point waves, available diverse protected paths, and custom designs tailored to your topology.

Who We Serve

CARRIERS, HYPERSCALERS, AND INFRASTRUCTURE BUILDERS

Add backbone diversity, connect new data centers, or activate custom routes without waiting on permits or multi-month builds.

ENTERPRISES WITH EXTREME DATA DEMANDS

From real-time analytics to replication between facilities, we deliver the transport layer you control and the visibility you need, backed by responsive local support. Built for high-stakes sectors — manufacturing, healthcare, finance — where downtime isn't an option.

Tested. Trusted. **Reliably Reliable™**.

- 5,000+ route miles across a fully owned, 100% fiber backbone
- 3,350+ on-net buildings and 27 data centers interconnected regionally
- Multiple diverse metro paths engineered to avoid common construction corridors
- Direct connections to AWS, Azure, Google Cloud, and major regional hubs

Why DQE

Not the Biggest. Just the Most Responsive.

DQE's network is engineered for carrier-grade performance, and our people deliver service with urgency, straight talk, and accountability. With diverse routes, local decision-making, and engineers who know you by name, we keep your mission-critical transport Reliably Reliable™.



Ready to Connect?

1-866-GO-FIBER | [DQE.com](https://www.dqe.com)