

# London Metro Wavelength Services

High capacity, low latency bandwidth for data centre connectivity across London, with optical networking you can trust

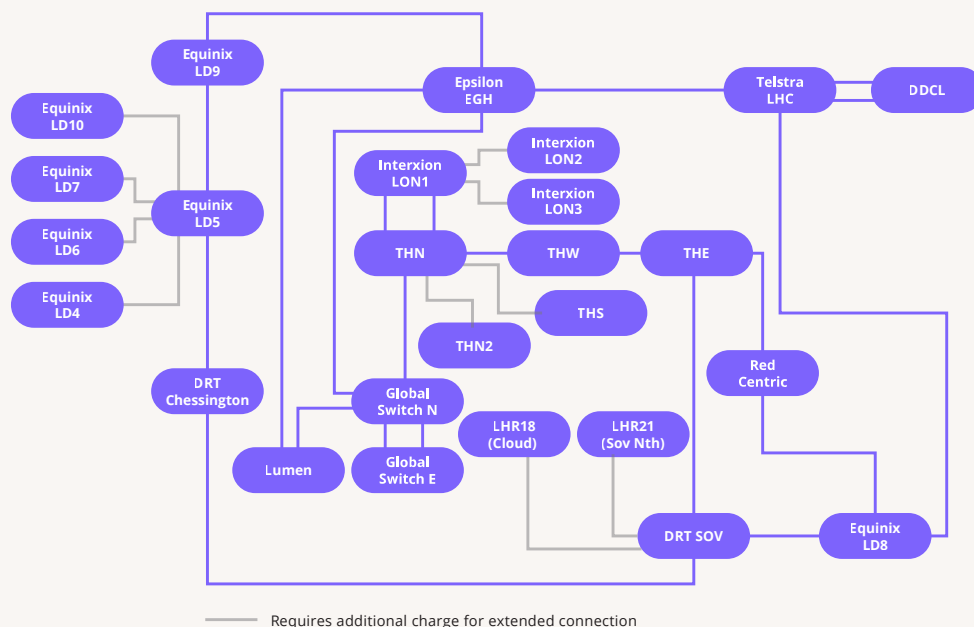
## Overview

Epsilon's Metro Wavelength services deliver high-performance optical connectivity with dedicated bandwidth, low latency, and transparent end-to-end transport across our London metro network with options up to 400G. Designed with fast access to data centres across greater London, our services enable seamless scalability and improved operational efficiency of your network and business operations.


We offer the most competitively priced Wavelength services in the United Kingdom, even outperforming other suppliers' promotional rates. Our cost-effective pricing, combined with high availability and rapid deployment, makes us the go-to choice for London metro connectivity.


With on-net access to 26 data centres across greater London, including Slough, our services also extend beyond London if required. We enable direct connectivity options to and from submarine cable systems in major data centres such as Telehouse, Global Switch, Equinix, and DRT Sovereign House.


Operating on a ROADM-enabled optical network, our Wavelength services utilise both fixed and flexgrid DWDM technologies for superior flexibility, resilience, and performance.





## Features


- 


**High-capacity Options**  
10G, 100G and 400G available across our London Metro network
- 


**Industry-leading SLAs**  
Guaranteed 100% service availability
- 


**Rapid Deployment**  
10-day delivery for selected Data Centres (subject to cross-connects)
- 


**Design Flexibility**  
Choose from Diverse, Network Protected, or Client Protected configurations
- 


**Tailored Solutions**  
Customised service design to meet specific requirements
- 


**Dedicated Connectivity**  
Point-to-point optical links ensuring security and performance
- 


**Transparent End-to-end Transmission**  
Minimal protocol limitations for greater flexibility
- 

**Ultra-low Latency**  
Optimised routes for time-sensitive applications
- 

**Seamless Scalability**  
Easily upgrade network capacity without service disruptions
- 

**Extensive Coverage**  
On-net presence in 26 data centres across London
- 

**Global Reach**  
Access to 30+ submarine cable systems
- 

**Cloud-ready**  
Direct connectivity to Cloud Service Providers such as AWS, Azure, Google, Oracle and more
- 

**IX Connectivity**  
Connectivity to London Internet Exchange (LINX) and LONAP

“Epsilon’s London Metro Wavelength Service delivers high-capacity, low-latency, and secure point-to-point networking across Greater London, with options up to 400 Gb/s. Leveraging our ROADM-enabled optical network, our services provide scalable, transparent connectivity to leading data centres and global submarine cable systems.”



**Emma Wang**  
Global Product Manager  
Epsilon

## Benefits



### Rapid Connectivity

Instantly access London data centres with high-performance, low-latency links for critical workloads



### Flexible Options

Select protected or unprotected routes to meet your resilience and availability requirements



### Guaranteed Performance

Low latency, low jitter, and guaranteed throughput provide reliable, predictable network performance



### Scalable Bandwidth

Easily increase capacity as your network grows, ensuring your infrastructure remains future-ready



### Simplified Operations

Monitor, manage, and report on your connections through our intuitive portal and API



### Cost-efficient Architecture

Optimised point-to-point design ensures reliable performance while keeping costs predictable

## Why Choose Us?

### Unparalleled Global Reach

Enjoy instant access to over 600 Cloud, IX, Network, and Technology partners across our global network

### Network Experts

We are continually innovating and optimising our connectivity services, including wavelength, to deliver the best solutions

### Built for Speed

Our web portal and API-enabled platform enable you to connect wavelength services with a simple click and scale rapidly to meet changing demands

### Competitive Pricing

We offer cost-efficient solutions tailored to your business needs. Our flat pricing, categorised by region or bandwidth, guarantees peace of mind with no hidden costs

### Robust Network Backbone

Ensure secure, resilient and high-speed point-to-point connectivity with fully transparency for wavelength service end-to-end

### A Secure Environment

With our carrier-class, next-generation optical network, rest assured that your mission-critical data is protected 24x7x365

## Technical Specifications

Throughput	Full
Latency	Ultra low latency, metro optimised routes
Transparency	Full end-to-end transmission
Topology	Point-to-Point
Optical Network	ROADM-enabled DWDM
Protection Options	Unprotected, Network Protected, Client Protected
Availability SLA	Commercial guarantee at 100%

## Client Interface and Optical Specifications

Client Interfaces	400GbE, 100GbE, OTU 4, 40GbE, 10GbE, OTU 2 / OTU 2e, 8G / 10G / 16G Fibre Channel, OC 192 / STM 64
Line Transmission Protocol	DP-QPSK, 16QAM
Operating Bandwidth Range	191.25 – 196.125 THz
Channel Spacing	50GHz, 100GHz, Flexgrid
Fibre Type	Single Mode
Topology	Point-to-Point
Optical Switching	ROADM
Protection	Protected and Unprotected

## Contact Us

### APAC

+65 6813 4020

### UK

+44 207 096 9600

### EMAIL

info@epsilontel.com