RETN Wavelength services provide secure and reliable, layer 1, point-to-point dedicated transmission between locations via fixed routes. To transport customer critical data from the Content, OTT and Telecom industries, we use our own multi-Terabit DWDM network based on industry-leading vendor equipment. Available as unprotected, protected or fully diverse, the service offers ultra-high bandwidth solutions between Western and Eastern markets and within key metro areas to maximize customer connectivity options and improve the way they deliver online services to their customers.

**Standard Service Features**

- **Vast DWDM network reach**: 52,000 km of lit fibre stretching from the USA and Western Europe to Russia and Asia through Kazakhstan

- **Service available at over 200 RETN DWDM PoPs worldwide**

- **Total network capacity**: 25.6 Tbps based on a protected ring

- **Distinct ring architecture** with multiple completely independent routes across network infrastructure

- **Homogeneous network** based on the latest generation of Infinera equipment: DTN-X, XT Series and FlexILS. Multiple service types (WAN-PHY, LAN-PHY, SDH, SONET, Clear Channel)

- **Network capacity** is optimized to transport large sets of traffic: voice, data, storage and video

- **Wide range of supported bandwidth** from STM-1 to 100Gbps

- **Protected, Unprotected and Fully Diverse** services available

- **Protected service availability** – 99.95%
  Unprotected service availability (<1000 km) – 99.5%

- **50 ms switching from main to backup route** (with optional protected service)

*for unprotected service that extends more than 1000 km availability is calculated separately*
RETN Wavelength Services to boost your business:

- **Increase capacity and reduce latency** between your core markets
- **Transfer large amounts of data** with assured, fixed routing, and uncontended bandwidth
- **Get your service when you need it:** fast, efficient delivery of services
- **Enjoy scalability and flexibility of growth:** adjustable contract terms and simple upgrade process
- **Improve your connectivity options** with our constantly growing and developing network infrastructure
- **Contact technical support 24/7** via phone, email, Customer Portal
- **Stay informed with Customer Portal** containing a real-time inventory of live services along with invoices, escalation matrix or trouble tickets

We offer fibre optic solutions that suit your needs best.

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