LAMBDA

A data connection of two points with a predefined course and a capacity up to 400 Gbps

WDM technologies allow the colour spectrum of a light beam in an optical fiber to be used to transmit multiple times more capacity.

Each wavelength – LAMBDA – allows the same capacity to be transmitted between two points as one fiber without WDM technology. Quantcom operates a transport network based on DWDM and CWDM technologies on its extensive network. In addition to most major Czech cities, the technology is also implemented at Quantcom's international hubs in Bratislava, Vienna, Katowice and Frankfurt. In cooperation with our long-term partners, it is possible to provide the LAMBDA service worldwide.
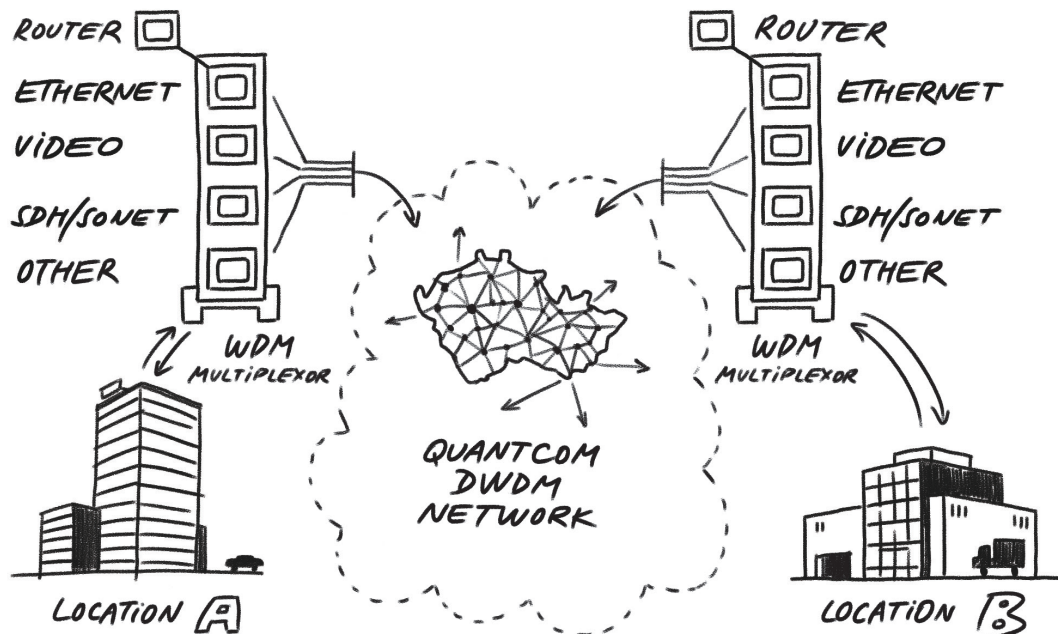
TECHNICAL DESCRIPTION

The DWDM network is built on cutting-edge technologies with FlexGrid DWDM support on main routes. This network, together with a team of experienced specialists, has long proven to be top quality and reliable and allows providing services with speeds of 10, 40, 100 and 400 Gbps.

Supported service interfaces:
- SDH, SONET
- Ethernet, 10 GE, 40 GE, 100 GE, 400 GE
- OTN
- Fiber Channel

SCHÉMA SLUŽBY

WHO IS THE SERVICE DESIGNED FOR?

The service is designed primarily for telecommunication companies, ISPs, content providers, but also large corporate customers.

LAMBDA

A data connection of two points with a predefined course and a capacity up to 400 Gbps

LATENCY RATES

Frankfurt – Vienna	5.8 ms
Frankfurt – Prague	3.3 ms
Frankfurt – Kraków	6.5 ms
Frankfurt – Bratislava	5.9 ms
Frankfurt – Katowice	7.3 ms
Prague – Vienna	2.6 ms
Prague – Bratislava	2.2 ms
Prague – Kraków	4.0 ms
Vienna – Bratislava	0.6 ms