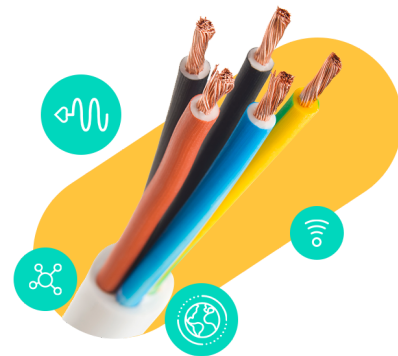# Colt Wave Best-in-Class for Optical Networking

Benefits at a glance

⊘ Unprecedented reach

Colt has fibre connectivity to more than 32,000 buildings – including direct fibre connectivity to over 1100 data centres in Europe and Asia – more than any other carrier.

⊘ Express service

Get multiple wavelengths with expedited delivery between a selection of the most popular data centres.

⊘ State-of-the-art networking

Leverage Colt's investment in an ultra-modern DWDM/OTN optical core network – delivering 100G and 400G today – with a path for future upgradability.

⊘ Reliability

Our business is to protect your business. High availability can be assured using our resilient platform with options for protection, and we will work with you to design a service which is geographically diverse from other routes you may currently use.

⊘ Extensive, wholly owned fibre footprint

Colt's services are provided on our own fibre endto-end, providing you with the best possible SLA.

Your Trusted Connectivity Partner

Colt's high bandwidth optical wavelength services directly address the requirements of enterprises, carriers, operators and GCN players requiring connectivity between major sites and data centres. The service provides both metro and long-haul options at bandwidths of 1G, 2G, 4G, 8G, 10G, 16G, 32G, 100G and 400G.

As your global capacity requirements increase, you need a connectivity partner who can provide the flexibility, reliability and economic efficiencies which will enable your business to expand and grow.

A clear upgrade path to higher bandwidths is essential – and sometimes services are needed quickly, in order to respond to immediate opportunities or to support changes to your IT environment. Colt offers both the technical expertise and commercial flexibility to deliver premium high bandwidth optical services – from a reliable, longstanding partner you can trust.

Direct to the DC

Colt's Wave Service directly connects Europe and Asia's top data centre locations, delivering wavelengths where you need them most. Many of our data centre locations feature pre-provisioned DWDM equipment, meaning we can provide extremely rapid service turn-up and bandwidth upgrade potential within days.

Subsea Capabilities

Colt operates a high-speed up tp 400GE, low-latency subsea platform for superior application performance across the Atlantic and between Europe, the UK, and Ireland. Our global network also includes Transpacific, Intra Asia and Australia

As a global digital infrastructure company, Colt maintains a portfolio of five geographically diverse subsea fibre optic routes: Grace Hopper, Dunant, Atlantic Crossing 1 South, Yellow and Apollo South.

Flexible Bandwidth Service

Colt understands you need the flexibility to upgrade, change and reroute bandwidth as your business matures. We offer a range of commercial options, including lease and IRU terms, to provide you with the flexibility to plan your business. Our deployment of state-of-the-art optical based on 100G up to 800G coherent channels, enables us to provide point-to-point metro and long- haul connectivity at highly competitive price profiles.

A partner with a difference

Choose Colt and you are in safe hands. A company with a secure background, reputation for operational excellence, customer service and an industry awardwinner. Colt's track record is second to none, with leading Fortune 100 banks and the world's foremost carriers trusting us with their high bandwidth service requirements. You'll be sharing in the same proven technology and bestin-class services.

Technical

Point to Point Optical Services – 1G to 400G High bandwidth optical services can be provided from 1G to 400G, and support industry standard presentations and interface types:

Optical Awards

Best Operator
of the Year

Best Data Centre
Interconnect Provider

Wholesale Service
Provider of the Year

Retail Service Provider
of the Year

Global Carrier awards
(Best Global Carrier)

Technical Features

1G Ethernet

- 1000BASE-SX, 1000BASE-LX, 1000BASE-T

10G LAN PHY

- 10GBASE-SR, 10GBASE-LR, 10GBASE-ER*

10G WAN PHY*

- 10GBASE-SW, 10GBASE-LW, 10GBASE-EW

- 10G OTU2, OTU2e

100G

- 100GBASE-SR4*, 100GBASE-LR4, OTU4 G.959

400G Ethernet

- 400GBASE-FR4
- 400GBASE-LR4

Fibre Channel

- 1G, 2G, 4G, 8G, 10G, 16G and 32G Both Unprotected and Protected options are available. *Not available in Asia
- 10G OTU2, OTU2e

For more information, please contact us on:

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colt.net