

# NATIONAL & INTERNATIONAL DATA PORTFOLIO



## Our Data Network

To serve our customers, we have built large national networks across Europe. The networks range from a nationwide fiber backbone network, over which we run DWDM wavelength services, to local access networks to every building in certain regions via fiber or copper lines. All of our networks are designed and built to achieve the highest availability levels. We are continuously expanding our fiber network for residential, business and carrier customers to give them access to our highspeed network services.

## National Data Service

For our national data service, we provide Carrier Ethernet access. Our standards of speed of delivery, network availability and fault restoration are best in class. Our data services are geared towards 100 Gbit/s Ethernet services within all our 14 European countries. You can choose from a variety of bandwidth options.

Our data services are primarily provided over our own fiber networks. If necessary or if requested we can provide services via third party networks. In many cases, when the building is within a reasonable distance from our network, we will lay

fiber into the building. For lower speeds, we also use a range of other technologies such as xDSL access on our own network or via third parties.

UPC Wholesale continuously invests in its fiber optic networks across its European footprint in both towns and built up areas. This forms the solid foundation on which UPC Wholesale data service is based and is the reason why carrier customers choose UPC Wholesale as their trusted partner.

## Ethernet and WDM Services

Our Ethernet services offer both point to point and point to multipoint possibilities. We offer a range of port speeds up to 100 Gbit/s. Our customers can connect to our networks in over 80 telehouses in 14 countries.

## FEATURES

- Ethernet services with 10 Mbit/s, 100 Mbit/s, 1 Gbit/s and 100 Gbit/s speeds (on request)
- Ethernet services for point to point services
- A wide range of access options from dedicated fiber builds to third party xDSL access
- Standards of speed of delivery, network availability and fault restoration that are best in class
- Easily upgradeable range of services
- Proactive 24/7 management and support
- WDM services 1 GB to 100 GB, FC, ESCON

## STANDARD PRICES FOR FTTB LOCATIONS

UPC Wholesale has been constructing fibre optic connections (Fiber to the Building) under its own initiative for more than ten years. The Connected Building List contains addresses of all FTTB locations. It is available to wholesale customers free of charge. Standardised prices for Ethernet and WDM services apply at locations that UPC Wholesale has linked to a fibre optic network. Further products are offered separately.