



# International Wavelength

## DWDM service for maximum capacity

Leading the field in Internet and data communications services means moving fast to satisfy your customers' exponentially growing demand for bandwidth. This requires designing and rolling out your own high-capacity network to reach all key European business centers, while retaining control and management of your network by applying your own service protection mechanisms. The International Wavelength service enables you to do all this and more. Quickly and easily, in partnership with one of Europe's largest and most dynamic suppliers. At a price that makes solid, strategic business sense.

- Proven, high-quality European fiber optic network
- Extensive European coverage
- Dedicated high capacity bandwidth service with speeds up to 100 Gbit/s
- Faster roll-out of your network
- View periodic reports
- No need to negotiate licenses or install fiber
- Complete portfolio

International Wavelength is a Dense Wavelength Division Multiplexing (DWDM) service package that offers you capacity up to 100 Gbit/s. In addition to promising a massive increase in coverage and capacity, International Wavelength also leads the market in providing choices to expand your network rapidly.

There are two service options: Link and Ring. Link service provides an unprotected point-to-point connection between two locations. Ring service is based on a combination of individual point-to-point segments configured as a ring.

Wavelength is delivered over KPN International's highly advanced network. The KPN International network is an optical fiber high-capacity backbone that uses premium technology for maximum reliability and quality of service. From end-to-end it's one network, combining state-of-the-art technology with out-

standing performance, enabling KPN International to offer guaranteed availability, dedicated scalable capacity and services at highly competitive prices.

Thanks to KPN International's complete portfolio of international services, which includes dark fiber, it's easy to migrate to higher bandwidths. Advanced and extensive telehousing facilities, in which equipment can be stored and maintained in a highly controlled environment, are also available.

International Wavelength allows you to concentrate on planning and developing your own network, while avoiding the investment and time required to negotiate rights of way and install fiber, greatly reducing your time to market. Wavelength also gives you an opportunity to forge a long-term partnership with one of Europe's leading telecom suppliers.



# International Wavelength

## Service Specifications

<b>Service available from</b>	More than 50 PoP's in: Austria, Belgium, Czech Republic, France, Germany, Hungary, Netherlands, Poland, Slovakia, United Kingdom, USA
<b>Characteristics</b>	<ul style="list-style-type: none"><li>• Available bandwidth: Transparent capacity on 1 Gbit/s, 2.5 Gbit/s, 10 Gbit/s, 40 Gbit/s and 100 Gbit/s</li><li>• Customer interface: STM-16, STM-64, STM-256, 1 and 10 Gbit/s Ethernet All types available on short- and longhaul</li></ul>
<b>Availability point-to-point</b>	<ul style="list-style-type: none"><li>• Unprotected Link service 99.40% guaranteed monthly</li><li>• Protected Link service 99.99% guaranteed monthly</li></ul>
<b>Service level agreements</b>	Service level agreements, backed-up by financial compensation, are available for Link and Ring services
<b>Reporting</b>	Monthly performance reports
<b>Network management</b>	Pro-active 24/7
<b>Customer care</b>	24/7
<b>Billing</b>	All International Wavelength services integrated into quarterly invoices
<b>Discounts</b>	Discounts based on contract value
<b>Contract</b>	1 – 5 year contracts available

### Contact KPN International

[www.kpn.com/international](http://www.kpn.com/international)

#### The Netherlands

P.O. Box 30000  
2500 GA Den Haag  
T +31 10 428 9571  
[sales@kpn-international.com](mailto:sales@kpn-international.com)

#### The Netherlands

Van Heuven Goedhartlaan 121  
1181 KK Amstelveen  
T +31 20 5456 789  
[sales@kpn-international.com](mailto:sales@kpn-international.com)

#### Germany

Darmstaedter Landstr. 184  
60598 Frankfurt  
T +49 69 96874 270  
[info@kpn.de](mailto:info@kpn.de)

#### United Kingdom

4th Floor, Regina House  
1 Queen Street  
London EC4N 1SW  
T +44 20 3417 7053  
[uksales@kpn-international.com](mailto:uksales@kpn-international.com)

#### France

12/14 Rond Point des  
Champs Elysées, 75008 Paris  
T +331 5353 1521  
[frsales@kpn-international.com](mailto:frsales@kpn-international.com)