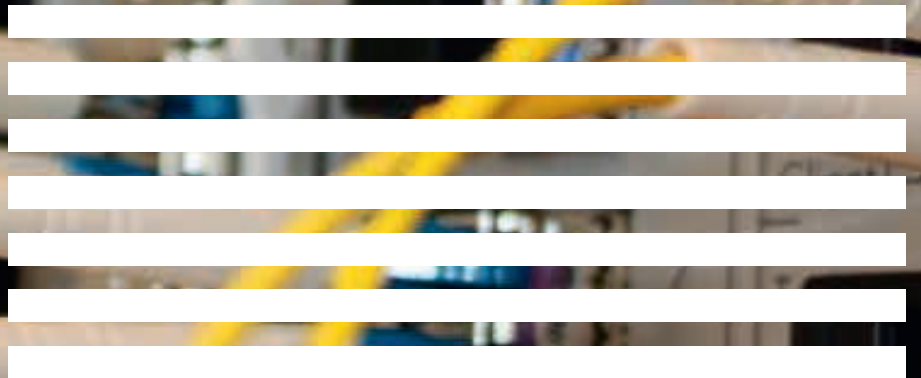


# WAVELENGTH

**Cost-efficient high-capacity transfers  
over long distances**

There is an ever-increasing need for high-capacity transmissions across communication networks. The Wavelength product is a smart, cost-efficient alternative for those who require very large bandwidths over long distances. With Wavelength, you have an exclusive transmission channel at your disposal in Teracom's national fiber-optic network, which is designed for high availability through redundant routing.



## How it works

Teracom acts as your communications partner, assisting you with the development of your connections. We commence work by jointly reviewing your needs and determining the type of wavelength product required and the nodes that are relevant. We also take the opportunity to review future requirements in order to guarantee growth potential in terms of both capacity and nodes. With Wavelength, you have the ability to dispose of your own transmission channel in Teracom's fiber-optic backbone network, with a defined capacity of up to 10 Gbit/s and availability of 99.5% for point-to-point connections and 99.99% for ring structures.

Wavelength is based on Teracom's national fiber-optic backbone network. The platform is based on DWDM and CDWM, and is protocol-transparent. Wavelength can be ordered between Teracom's nodes and local connections can be used to connect to our nodes.

## Point-to-point

A point-to-point connection involves a single connection between two of Teracom's nodes.

## Ring

Fiber-optic rings are structured with several point-to-point connections that together constitute a number of rings. A ring structure creates higher availability through redundancy.

## Teracom's network

As a prerequisite for your choice of a communications partner, you must feel confident in your provider's abilities. Teracom's capacity to offer reliable products and services is based on the foundation of its highly robust network. Our customers have stringent demands on robustness. We have extensive experience in the management of transmissions networks and a continuous focus on quality and security.

We have a nationwide backbone and access network, through which we can also offer our customers solutions for media redundancy and everything from singular connections to entire networks. Depending on the customer's current solutions and local conditions, Teracom can offer a number of transmission alternatives, from fiber to radio-relay links.

Our customers include mobile and fixed network operators, authorities, power companies, county councils, city and municipality networks and other network and infrastructure players. Teracom also offers Co-location, whereby your equipment is geographically located to enable connection to our network.

## Customer benefits

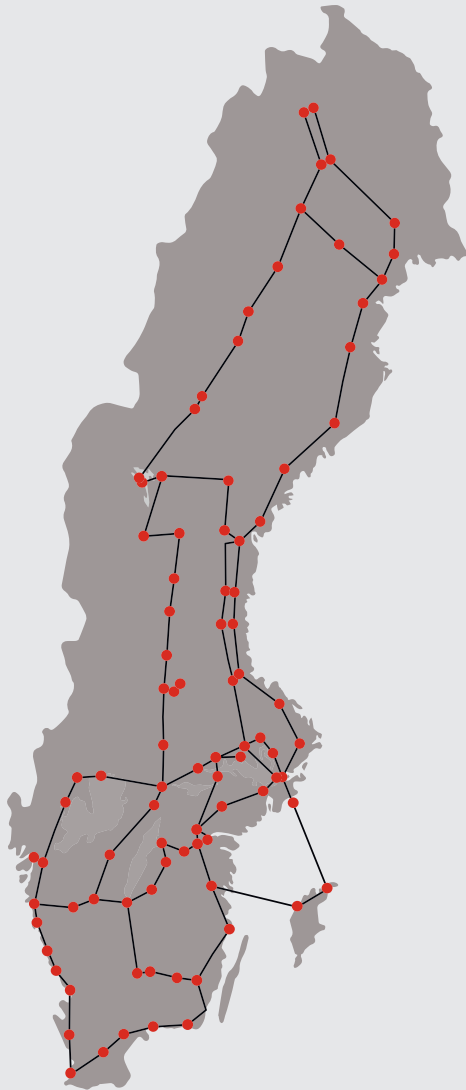
Teracom is an independent network provider with extensive experience and a focus on quality and security. We offer connections throughout Sweden by means of a national network, from centralized urban locations to the countryside.

- Access to Teracom's national backbone and access network, designed for high availability through redundant routing.
- Access to a large number of attractive nodes located throughout Sweden.
- A provider that assumes complete responsibility for installation, operation and maintenance.
- Monitoring through Teracom's network operations center, NOC, 24/7, every day of the year.
- Teracom's service staff, based in more than 50 locations, from Ystad in the south to Kiruna in the north.

## Other products

Teracom offers the following complementary products to the Wavelength product:

- Ethernet Connect
- Capacity
- Co-location
- Service and monitoring



## Facts

Structure:	Point-to-point, Ring	Interface:	SDH	STM-16, 2,488.320 Mbit/s STM-64, 9,953.280 Mbit/s
Availability:	99.5% for point-to-point, 99.99% for ring structures	Ethernet		GbE (IEEE 802.3z) 10GbE (IEEE 802.3ae)
Capacity:	1 Gbit/s, 2.5 Gbit/s and 10 Gbit/s			
Delivery:	ODF with SC/UPC contacts			

## Contact

You can find out more about us at [www.teracom.se](http://www.teracom.se)

For further information about our Wavelength product or other products, contact us via tel: +46 (0)8 55 54 20 00 or [contact@teracom.se](mailto:contact@teracom.se)