

A  
partnership  
that  
guarantees  
compatibility.



ProLabs was established in 2004 and, due to exponential growth, today we serve many major Service Providers globally.

With engineering, compatibility testing, production, sales and warehouse facilities in Europe, USA and Asia, we can ensure rapid delivery of fully compatible and tested products.

We are a trusted supplier to over 100 Global and Regional Telephone Companies (TELCOs), Cable Providers (MSO/CATV), Internet Service Providers (ISPs), Competitive Local Exchange carriers (CLECs).

Compatibility with over 50 OEM platforms, servicing solutions for the Core and Access portions of a Service Providers with 100% compatibility and a Lifetime Warranty. Our short lead times and high availability, including CWDM and DWDM transceivers, highlights our understanding of the service providers need for quick delivery.

We offer high quality optical transceiver and WDM solutions that are extensively used in:

Core/Backbone Networks

Metro Rings

Access/delivery networks (including FTTH)

Data Networks and Centres

SERVICE PROVIDERS

  
**ProLabs**  
Unlock your connectivity

Who we are.  
We are leaders.  
We are innovators of  
network connectivity.  
We are passionate and  
dedicated.

What we do.  
We connect people.  
We provide  
innovative solutions.  
We are industry leaders  
continually evolving.

## The key to efficient Core Network capacity

Our high quality and reliable Core Network solutions to address the insatiable demand for bandwidth and network resiliency are trusted by the largest service providers in the world.

Our OEM compatible transceiver solutions for the Core Network include:

Next-Gen/High Bandwidth Connectivity -  
100G, 40G – QSFP28, CFP/ CFP2/CFP4, QSFP+  
Traditional 10G Ethernet, SDH/STM/SONET -  
SFP+, XFP.

Fibre Infrastructure Maximization – CWDM,  
DWDM, BiDis.

## Maximizing Existing Fibre Infrastructure

Our WDM upgrade can be as simple as replacing the transceiver in existing switches and routers with CWDM or DWDM versions and adding fairly low cost passive multiplexers in the network. This approach increases bandwidth without the need for new fibre, or changing out equipment. CWDM technology offers the ability to transmit 16 channels over a fibre pair, while DWDM technology allows over 100 channels on a single fibre pair!

## Ultimate Access Network compatibility

The Access Network is rapidly migrating to 'fibre to the x' architecture. Fibre connections

are deployed either to the customer or closer to the customer. We understand that each fibre to the x deployment model requires different tools to cost effectively deploy services. Service providers trust us to provide high quality and reliable solutions to address the challenges from fibre to the X Access network deployments.

We offer OEM compatible solutions for the Access Network including:

Fibre to the Home – EPON & GPON, Ethernet Carrier Ethernet/Fibre to the Building – CWDM & DWDM – 1G & 10G, SFP, SFP+.

Wireless Backhaul – 1G & 10G CWDM & DWDM  
Fibre to the Node – CWDM & DWDM, 1G, 2.5G, 10G SFP, SFP+ XFP

We are the leading global provider of infrastructure and connectivity products for applications in Telecom (MSO, ISP and Carrier), data centre and enterprise markets.

We believe in the highest quality products, providing 100% compatibility and offer:

Key products stocked locally for next day delivery.

Advanced replacement service.

Visit [www.prolabs.com](http://www.prolabs.com) for more connectivity solutions.