



REMOTE PHY

Meet the demanding thirst for bandwidth

Exploring and developing the right choices.

Overview

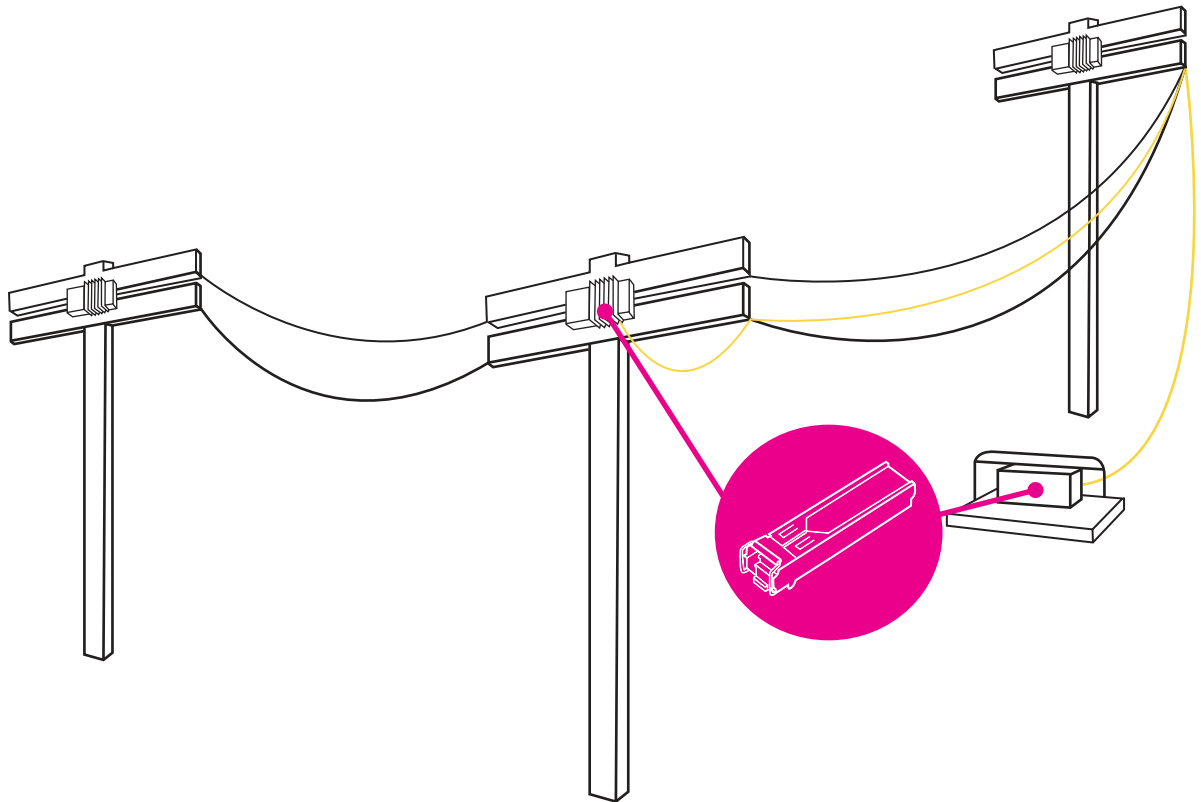
Remote PHY will transform the residential network to meet the insatiable thirst for bandwidth, while reducing network operating costs. Remote PHY moves access components away from the head end, into hub sites or even into outside plant nodes. The reduced footprint promises to reduce operating costs and position cable operators to meet growing bandwidth needs.

The Challenge

Distributed Access Architectures (DAA) like Remote PHY are pushing SFP-type transceivers outside the climate controlled confines of the head end or hub to node enclosures found on overhead strands, peds and hand holes.

Transceivers placed in these environments must protect against conditions like wavelength drift and provide performance assurance over temperature and time.

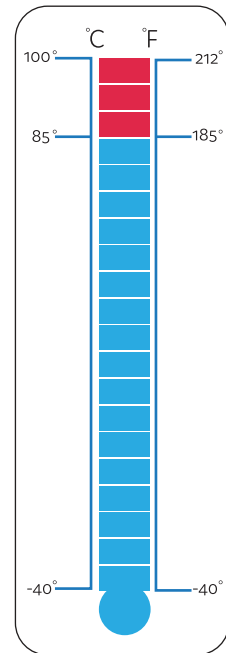
MSOs are under extreme pressure to quickly deliver upgraded services to reduce customer churn and generate new revenues. Project delays due to excessive lead times on SFPs are not acceptable to meet construction objectives!



The Solution

ProLabs Industrial Temperature Transceivers offer OEM Quality and 3rd Party Value to meet the challenges of Remote PHY.

- Full portfolio of Industrial Temperature transceivers
- 40°C to +85°C Operating Temperature range
SFP & SFP+ form factors and data rates (1G, 2.5G & 10G)
- Full support of CWDM & DWDM at Industrial Temperatures
- Third-party compatibility with Arris, Casa, Cisco, Adtran, Arista, Brocade, Calix, Juniper and many more!
- Innovative supply chain ensures shorter lead times



Industrial
Temperature
-40°C to +85°C

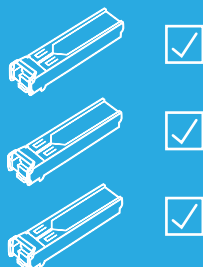
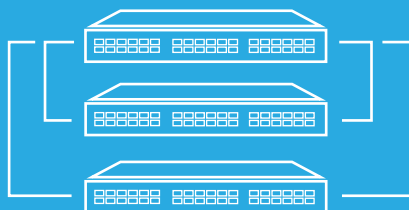
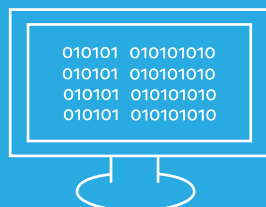


OEM Quality

ProLabs programs and tests each transceiver in our United States on-site lab facilities using our proprietary Data Traveler System.

Third Party Value

Don't let long OEM lead times delay your Remote PHY deployment. ProLabs innovative inventory and supply chain model offer options to rapidly respond to large project needs.



ProLabs understands that no two Remote PHY networks are same. Each network presents different challenges in deploying transceivers in nodes, hubs, or street cabinets. Our team of experts brings deep knowledge of transceiver performance and WDM design to your Remote PHY deployment.

Data Traveler

Our proprietary Data Traveler System creates a living manifest that allows us to uniquely serialize, track and ship each and every part.

1.

OEM Spec Testing

Our in-house coding facility programs all our parts to standard OEM specs, and creates unique, one-of-a-kind coding for customized networking solutions.

2.

Environment Testing

ProLabs goes above and beyond the standard to re-create the network environment that these parts will be used in. With all the major manufacturers switches, we can re-create an environment and test each part to guarantee its performance.

3.

Quality Control

Our Data Traveler System tracks each serial number and certifies that each part has gone through the proper steps to get ready for shipping.

Visit www.prolabs.com for more connectivity solutions.