

PRODUCT SOLUTIONS BRIEF
PROLABS

DATA CENTRE NETWORK MIGRATION



Through our strong global partnerships and alliances with manufacturers such as ProLabs, we are able to present you with the following offering to meet your specific data centre requirements.

Transceivers and Direct Attach Cables (DAC)

ProLabs' transceivers and direct attach cables enable organisations to freely choose technology solutions that best fit their business needs, at a reduced price point, without sacrificing quality and reliability. With the rise of open source, ProLabs is challenging OEM dominance with superior products and service. Customers can save money with no loss of quality and reliability and reallocate scarce resources to critical infrastructure upgrades. ProLabs has an extensive range of optical and copper transceivers and DAC offerings to fit a variety of business needs.



ProLabs direct attach cables are protocol independent and can support Ethernet, Infiniband, Fibre channel and other protocols.

CHALLENGE SOLVERS

- All transceivers are standards-based and comply with the MSA (Multi-Source Agreement)
- Transceivers range from 100BASE-FX to 100 GB and cover optical and copper transceivers such as GBIC, SFP, Xenpak, X2, XFP, SFP+, QSFP+ and CFP
- ProLabs offers a range of compatible DAC, Active Optical Cables (AOC) and Active Copper Cables (ACC) for 10G and 40G data rates with SFP+ and QSFP+ connectors
- Transceivers and DACs are 100-percent compatible with more than 50 vendors and 20,000 systems



THE ANIXTER APPROACH

- **Network flexibility**
Apply designs to accommodate your performance requirements and highly scalable network architecture demands.
- **Cabling topology**
Determine the right choice for your computing requirements with careful consideration for end of row (EoR), middle of row (MoR), top of rack (ToR) or centralised cabling structures.
- **Media selection**
Choose the appropriate cabling media from twisted pair, optical fibre and direct attached to address high-speed bandwidth requirements.
- **Density demands**
Deploy scalable designs that accommodate for uncertain density requirements.

WHAT WE HEAR

Data centre stakeholders are dealing with a variety of challenges:



AMORTISATION of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



SPEED of deployment



Pace of **INNOVATION**, adoption

THE PROLABS SOLUTION

DAC TYPE	TRANSCEIVER TYPE	ETHERNET SPEED	
QSFP	CFP/CFP2	1G	40G
QSFP/SFP+	GBIC	10G	100G
QSFP28/SFP28	QSFP/QSFP28	25G	
SFP+	SFP/SFP+		

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Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance computing demands of your data centre.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Capacity needs
- Module type
- Cable assemblies
- Distance requirements

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Transceivers
- DACs
- Active Optical Cables
- Active Copper Cables

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labelling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

PROLABS TRANSCEIVER AND DAC FEATURES

✓ NETWORK FLEXIBILITY

- Multivendor DACs conveniently connects to different vendors' equipment
- Users can mix and match fibre and copper connectivity and ports to best suit business needs
- Legacy ports and vendors, such as X2, GBIC, Xenpak and 3Com, are supported

✓ DENSITY DEMANDS

- 10G, 40G, 100G options available
- Easily accommodates upgrade plans as business demands change
- Scalable to accommodate different computing technologies and densities



All ProLabs transceivers are standards-based and range from 100BASE-FX to 100Gb

> [FOR MORE DETAILS VISIT ANIXTER.COM/SHOPPROLABS/EMEA](https://www.anixter.com/shopprolabs/emea)

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At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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