We give people the power to share.

Often used for Data centre short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables (sometimes called DAC, ACC and AOC respectively) are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adaptors or converters.

Pushing the boundaries of connectivity.

ProLabs DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the top of rack and end of row environments.

Visit www.prolabs.com for more connectivity solutions.

ProLabs

Unlock your connectivity

We're
continually
striving
to develop
solutions for
connectivity
challenges.

DAC - Direct Attach Cables - 10G, 25G, 40G & 100G

Direct Attach Cables run a direct connector-to-connector electrical connection through a thick copper wire, in order to avoid EM interference. DAC cables typical connect network elements within one to five meters in a network rack or cabinet. DACs are available in both "active" and "passive" variants. Passive DAC cables offer the benefits of low power consumption, while Active DACs provide a lower profile cable solution for cramped wiring environments.

AOC - Active Optical Cables - 10G, 40G & 100G

Active Optical Cables offer a cost-effective solution consisting of fixed fiber optic transceivers on a fiber cable for short reach connections between 10m and 100m. AOCs are a 'plug and play' assembly, reducing the complexity of a standard fiber optic install. In addition, AOCs single 3.0mm cable diameter reduce the cable pile up in data center cable trays over a standard duplex fiber cable deployment.

Maximise performance and productivity.

DAC and AOC offer many of the benefits of optical transceivers but with significant cost and power savings in short reach applications. The "plug and play" functionality of DAC and AOC reduce the complexity and time to turn up new connections.

DAC and AOC are availability in many variants to tailor a solution to individual network needs.

Why ProLabs?

10G, 25G, 40G & 100G product solutions Seamless interoperability with network equipment.

Multi-code options enabling different OEM vendors at each end of the cable.

4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28.

Fast delivery, custom solutions.

Compatible with over 50 systems.

Savings of up to 70 percent.