



Pluggable Active Optical Cable Assemblies

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Pluggable active optical cable assemblies have been produced by Molex, providing unmatched reach at a fraction of the power of previous models.

The Quad Small Form-factor Pluggable Active Optical Cable assemblies provide the longest link distance and lowest power consumption on the market today, according to Molex and Active Optical Cable (AOC).

The assemblies achieve 40 Gbps data rates over long reaches of up to 4 km (2.49 miles) using only 0.78 W per cable end.

Additional ports can be deployed from the cables as the overall data centre power consumers has been improved. Resulting in increased connectivity options and overall cost savings.

“Molex continues to be the leader in providing innovative interconnect technology,” said Tom Marrapode, Molex director of market, fiber optic products group.

“They address our customers’ high-density requirement while combining high-data integrity with low-power consumption.”

“The optical link budget of Molex’s QSFP+ AOC supports multiple optical connectors within the optical cable, providing a unique opportunity to support a structured cable system in the user’s facility,” added Marrapode.

This feature adds to the flexibility of the use to the user and installation of QSFP+ AOC in lengths greater than 100 meters.

Cable Assemblies UK

Hunter Cable Assembly can produce cable assemblies to a variety of different clients in fields ranging from the industrial sector to telecommunications, medical and security.

They use and supply products manufactured by Molex, as well as Amphenol, JST, HARTING, ITT Canon, and SOURIOU.

The types of tooling they use to support these connectors are: Multipin circular connectors, Multipin rectangular connectors, RF connectors, Crimp & poke home.

They not only specialise in [cable assemblies](#), but can also provide box build services, overmoulded cable assemblies, and waterproof and military cable assemblies.

Visit www.hcal.co.uk for more information and to discuss your requirements in more detail.