



# Hunter Cable Assembly Ltd

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a specialist manufacturer and distributor of  
cable assemblies, wiring looms and harnesses, box builds and sub assemblies

## Overmoulded Cable Assemblies: New High Density Connectors

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**Introducing the second generation sealed, hybrid, high-density and modular connector system, Molex Incorporated aims to improve overmoulded cable assemblies in electrical systems with.**

The connector is in the CMX family and uses a new CTX terminal system to perform, providing ultimate sealing performance in extreme environments.

The improved sealing performance comes from the new design, and this makes the CMX connector particularly well suited for transportation powertrain applications.

Powertrain applications found in engine control units, automatic gear boxes, suspension controllers and electrical parking brakes in particular could benefit from the fully protected seal the new connector provides.

“Based on over a decade experience with the CMC product line, our next-generation CMX interconnect system offers significant improvements in product performance while remaining cost competitive,” said Selvan Wilhelm, Molex global product manager.

“The unique feature for all new CMX connectors is the sophisticated design of the interfacial seal protection, which ensures the connector remains protected before mating, and during mating and unmating operations.”

The actual seal cover on the CMX connector can be moulded depending on the application it is required to fit, as it has breakable dummy-plugs for the CTX terminal cavities. This helps to reduce cycle time and applied costs for harness manufacturers, while also providing more flexibility for unused cavities for customers.

### Overmoulded Cable Assemblies UK

Overmoulded connectors are particularly important in electrical applications which are required to run accordingly, but are open to the environment which can cause the connection to break, or be less reliable.

An overmoulded connector therefore provides extra security against strain which could cause the connection to break, and protects the connector from dust and moisture ingress, and also resistance to impact damage.

Hunter Cable Assembly provides [overmoulded cable assembly](#) services to clients in a variety of industries.

Visit [www.hcal.co.uk](http://www.hcal.co.uk) for more information and to discuss your requirements in more detail.