



# 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

## Cable Assemblies: New Circular Connectors on the Market

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**New M12 circular connectors have been introduced for cable assemblies to include field installable versions with larger cross-sections.**

The new connectors also include new receptacles for 10 Gbit/s data transmission, and are based on HARTING's HARAX rapid termination technology.

The cable side has been adapted to the requirements of the larger cables, and the outer diameter has been expanded so as the cables get larger, so does the moments of force that have to be absorbed.

Additionally, vibration-proof contacts and IP 67 protection is part of the design of the new circular connector, the rating is 4 A.

The new M12 range of connectors have angled and straight har-speed M12 receptacles for device integration in the 10 Gbit/s data communications environment.

While the mating face has an integrated shielding cross that protects it against an incorrect insertion and also shields the cable strands from one another.

### Cable Assemblies: What are they?

A **cable assembly** is the assimilation and connection of a system's cables and connectors to set it up ready for functioning.

When a system has a number of cables in it to connect to either a power source or a different system, these are usually bound together by a cable harness to increase the amount of space within the system. This bounding of cables also reduces the risk of electrical fires and makes it easier to identify certain cables when replacing or repairing them.

Hunter Cable Assembly has 30 years experience of providing custom cable assembly services to customers requiring their services in a range of industries. Whether this is for a factory application, or medical devices, Hunter Cable Assembly can design and manufacture the cables to the required measurements, and then complete the assembly.

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