What Exactly is Cable Assembly?

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Information on cable assembly in the electrical components industry, plus, where to find cable assembly manufacturers in the UK.

Cable assembly consists of a string of cables all transmitting information via electrical currents, these cables are clamped together.

There are different means by which they can be clamped, and these include cable ties, electrical tape and cable lacing.

Where is Cable Assembly Used?

Construction machinery and automobiles tend to use cable assembly as they can withstand high vibrations caused when these machines are in operation.

There are also many wires required in these pieces of technology and they can sometimes reach several kilometres, so by combining them as they are in a cable assembly, they take up less room.

They are also protected against moisture and are generally a lot easier to install as only one connector needs to be connected as opposed to all the separate wires individually.

How is Cable Assembly Fitted?

A cable assembly can be specifically designed so it fits the requirement of the machine and the wires it requires.

Once the amount of wire, and the length it is needed at, has been worked out the wire is cut to size and then stripped to expose the metal.

These are manufactured by hand, due to the wires needing to be routed through sleeves, taped with fabric tape, crimping the terminals onto wires, inserting one sleeve into another, and all the other intricate details which go into making cable assembly.

Cable Assembly Manufacturers and Distributors UK

Hunter Cable Assembly Ltd is a specialist manufacturer and distributor of cable assembly and other wiring products.

They can build to order cable assembly, wiring harness, cable loom, sub-assembly and other types of cabling products.

With more than 30 years experience of designing and manufacturing cable assembly, Hunter Cable Assembly Ltd can produce whatever your machine requires.

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