Electric Cable Assembly Electric Wiring Harness

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When cables or wires are bound together it is called a cable assembly or electric wiring harness. Find out more about where they are used and the best manufacturers of electric wiring harness in the UK.

An electric wiring harness is used to bind wires together which transmit an electrical signal or current required by a certain machine to work. They are commonly used in cars, planes, construction machinery and medical and military devices.

What is Electric Cable Assembly Electric Wiring Harness?

An electric assembly electric wiring harness is used to prevent electrical fires in a system or machine which is put under high pressure, possibly on a daily basis.

The wires are bound together by clamps, the number depends on the device they are required for, and then an outer shielding protects them from high vibrations possibly caused by the machine.

Types of Electric Cable Assembly Electric Wiring Harness

When a system requires many wires then these are commonly bound in a cable assembly to make better use of space inside the system, and to provide better protection.

In addition to an electric cable assembly electric wiring harness cables can be given extra protection from external factors which could jeopardise the transmission of the electrical signal.

This includes RF coaxial cable assembly which provides a special screen for electrical transmission, or Triaxial cable which has a third layer of outer shielding.

Some cables can be made waterproof, this is common in electrical cables which will be outside or are likely to be tampered with by the public.

Cable Assembly in the UK

Hunter Cable Assembly, based in Berkshire, UK, has been manufacturing cable assemblies for over 30 years and with production facilities in the UK and is able to provide a complete service from design, drawing, prototyping through to full production volume, offering cost effective cable assembly outsourcing solutions with none of the associated problems outsourcing overseas can cause.

For more information visit: www.hcal.co.uk