



Hunter Cable Assembly Ltd

a specialist manufacturer and distributor of

cable assemblies, wiring looms, cable harnesses, box builds and connectors

Flat Ribbon Cable Assembly

18 03 2011

Flat ribbon cable assembly is the application of producing flat ribbon cable for a specific device. Find out how ribbon cable is assembled, where ribbon cable is used, and where to find the best ribbon cable assembly suppliers in the UK.

Ribbon cables typically have many wires running next to each other in a flat cable – and these are usually used for internal peripheral in computer hard drives, and CD drives – in some systems they are also used for external use too.

Building ribbon cables is a similar process to simple cable assembly, where the wires are cut to the required length and placed on a workbench where they are manually tied together to form the cable.

When inserting ribbon cable into applications however, many designers tend to mark one edge of the cable with a red stripe. This is to help them distinguish which end is the polarised end, and which is the unpolarised end, as if inserted into the application using the wrong end it could potentially damage the hardware.

Ribbon Cable Suppliers UK

Hunter Cable Assembly supplies connectors with IDC termination which are suitable for ribbon cable. The connectors are:

BT224 connector – often called IDC connectors. These are usually put together with a purpose build plug, or a two row grid of header pins (0.1 inch spacing).

D-subminiature connector – for printer and serial ports.

DIN41612 connector – for Eurocard buses.

PCB transition headers – these have two rows of pins with similar spacings as BT244 connectors and are soldered into a PCB.

DIL headers – has pins with the same spacings as standard DIL ICs.

Hunter Cable Assembly can help with every aspect of your electronic requirements, from design, through to cable assembly, offering services in box builds, ribbon cable assembly, and triaxial cable assembly to name but a few.

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