

COPPER DATA CABLING

At the heart of every IT system is the cabling infrastructure, the nuts and bolts that hold the whole system together. Without a god quality cabling system data will be transmitted slower, information can be corrupted or lost and, in the very worst cases, systems will simply fail to run.

Modern IT systems transmit data at up to 10Gigabits per second (10 billion bits per second). These very high data transmission rates demand very high performance cabling systems with bandwidths of more than 250 MHz. However, not everyone needs the highest performance on offer so at Electron we tailor our solutions to meet the customer's requirements.

Electron have been installing cabling infrastructures since 1988 and have gained the experience and expertise to enable us to offer a broad range of cabling solutions. Our copper data cabling installation portfolio includes:

- Cat 5e UTP/FTP/STP
- Cat 6 UTP/STP
- Cat 6A UTP/STP
- Cat 7 STP
- Coax Cabling

We can install solutions ranging in size from 10 to 10,000 outlets and have experience in a wide variety of different environments including Schools, Universities, Hotels, Manufacturing, Computer Centres and Financial Institutions.

Copper data cabling outlets can be presented in floor boxes, dado trunking, skirting trunking or surface mounted back boxes. A wide range of different faceplate styles are available to meet your functional and/or decorative requirements. Patch panels can be modular or PCB, depending on the solution specified, and are typically 24 ports in 1U, although other configurations are available. All installations are tested using Fluke DSP 4100, 4300 or DTX1800 testers to ensure compliance with the relevant standards and test results are included with the handover documentation.

Electron place a high priority on delivering the best and most cost effective solution to meet your infrastructure needs. We have three BICSI RCDDs (Registered Communications Distribution Designers) who have received extensive, independent training on all aspects of network design and implementation. All of our engineers are BICSI and/or City & Guilds qualified. All of our procedures are regularly audited and updated and the company has ISO9001 accreditation.

We are approved to install cabling systems from a number of different manufacturers, including Krone, Brand Rex, Molex, HellermannTyton, Nexans, Connectix, Excel and Datwyler. We build close relationships with our suppliers and receive regular training and product updates.

So, whatever your copper data cabling requirements Electron has the capability to offer the highest levels of performance, quality and support, all at a cost effective price.

To find out more about communications cabling infrastructures call Electron on **0870 011 5456** or visit our website at www.electron.co.uk and click 'cabling'.

