

Upgrade Improves Flexibility, Efficiency at City of London Office >



PowerCat 6 Patch Cords (above)
and DataGate Jack (below)

CUSTOMER PROFILE

One of the largest and most experienced insurance firms in the market are continuing their rapid growth internationally with offices across Europe, Asia, North America and Australia.

Their offices are located in a landmark building in the City of London.

THE CHALLENGE

The way offices are used has changed. Workspaces need to become more than just a place to put a desk. The layout, facilities and design of an area can affect overall efficiency and occupant wellbeing. Increasingly, office spaces need to become flexible in order to accommodate more dynamic and unpredictable ways of working.

The customer's offices were in need of a refit to modernise. The structured cabling needed an upgrade to improve data connectivity for office-based workers and to ensure sufficient headroom for future expansion.

THE PRODUCT

Molex PowerCat 6 UTP end-to-end solution. Over 18,300m of cabling with 300 points.

THE SOLUTION

The PowerCat 6 UTP range has been designed to support high speed data transmission systems such as Gigabit Ethernet. It is compliant with Category 6 specifications, delivering a maximum performance of 250 MHz and substantial improvements in crosstalk and noise over Cat5e. The PowerCat 6 range meets or exceeds commercial Standards including ISO 11801:2017, ANSI/TIA-568.2-D-2018, IEC 60332-1, IEC 61034-2 and IEC 60754-1 & 2.

The project also featured Molex DataGate connector technology. Featured in jacks and patch panels, the DataGate connector features a patented 'spring-loaded shutter' which provides protection from dust and contaminants and prevents patch cords from being incorrectly connected. The patented V-shaped IDC contacts improve installation speed and enhance cable retention.

WHY MOLEX?

The customer has a longstanding relationship with Molex (formerly Mod-Tap) in the UK. They have worked with Molex for several decades due to an excellent supply chain and procurement processes, delivered in tandem with local distribution partners. Molex was able to deliver a one-source solution, saving time and admin.

The customer also cited Molex's commitment to quality and reliability and superior customer experience.

The customer's project manager commented,

"Picking the right contractor was essential. They completed the project within budget, on time and to a very high standard."

Read more customer stories at

molex.com/case-studies