

CASE STUDY

Network System Installation Brighton University New Build Campus

THE BRIEF

To install a comprehensive network system at Brighton University's new build campus, including a fibre backbone network and Cat6 cabling for various purposes.

OUR SOLUTION

The project involved the installation of a 48-core single-mode SWA fibre cable between multiple blocks on the campus, as well as running 12-core fibre from the main distribution point to satellite distribution points. Additionally, Cat6 cabling was used for offices, CCTV, and Wi-Fi connectivity. The project was successfully managed by a team of 4 engineers.

THE RESULTS

The installation of the network system was completed on time for the Network System Installation deadline and within the allocated budget. The efficient completion of the project ensured that the campus had a robust and reliable network infrastructure in place to meet its communication and connectivity needs.

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CASE STUDY

Diamond Communication **Heron Tower, 110 Bishopsgate**

THE BRIEF

We were tasked with running and installing fibres up the riser for Multiplex's temporary wifi network at Heron Tower.

OUR SOLUTION

Our solution required mounting IP boxes with fibre breakout boxes, installing mini switches, running cat6 cable across the floors, and installing wifi points. We also conducted termination and testing of the network. To achieve the objectives we managed a team of 2 engineers over a two-month period. They effectively liaised and worked with Multiplex management to ensure seamless coordination throughout the project.

THE RESULTS

With our efforts the project was completed on time and within budget. Our efficient management of resources and communication with stakeholders resulted in a successful implementation of Multiplex's temporary wifi network at Heron Tower.

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CASE STUDY

Hyperoptic One Nine Elms

THE BRIEF

The objective of the One Nine Elms project was to install routers, ONTs, CSPs, Nodes, and Splitters at a MDU site consisting of 500 plots. This included testing and providing reporting through iAuditor.

OUR SOLUTION

The project began in November 2022 and involved close coordination with various Multiplex managers to ensure timely installation as plots became available. Terry from TK Fibre identified a design flaw with the cabinets originally planned for the project, and worked with senior managers to reorder and replace them to accommodate the necessary equipment.

THE RESULTS

Despite the challenges faced during the project, including the need to change cabinets mid-way through, the One Nine Elms project was completed on schedule and within the allocated budget. This successful completion highlights the adaptability and expertise of the TK Fibre team in overcoming obstacles to deliver a high-quality solution.

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