

Customer	Leicestershire Fire and Rescue Service
Location	Lancaster Place, Leicester
Equipment	Cat 6 FTP - LSOH - Multi Mode Fibre
Requirements	250 Cat 6 Shielded Outlets, Two Phase Job with Fibre Links between Cabinets

Leicester Central Fire Station is currently undergoing extensive refurbishment and alteration, whilst continuing to maintain a fully operational status.

The Fire Station dates from the 1930's. It is situated on the southern side of Lancaster Road, Leicester, near to the centre of the city. The development comprises two buildings, a main two storey solid brick walled Fire Station building and to the rear of the site, a mainly single storey garage and workshop building. Within the training yard, between the main building and garage building, there is a reinforced concrete training tower



The project is in two phases. The first phase is the refurbishment of the rear building, which once completed will allow the station to remain operational, while the currently occupied front building, phase two begins in December 2009.

NetCab have been instructed by the main M&E Contractor to supply and install the data and communications requirements for the Fire Station.

The specification is for Category 6 – FTP – LSOH (Foil Shielded Twisted Pair) cable in all areas that required outlets terminated using T568B (258A) Standard.

Although phase 1 was a seemingly straight forward installation, NetCab staff had to be continually mindful that the station needed to remain fully operational at all times. Our high level of Health and Safety standards were adhered to without incident.

The installation of Phase 1 was carried out in accordance with the British Standards BS 6701 parts 1 and 2 and the current edition of BS 7671. On completion of the Phase the installation was tested using a Fluke DTX-1800 Cable Analyzer- TIA Cat 6 permanent Link



The overall project is set to be completed in May 2010. Amongst other key goals, it will improve the Station layout and the fabric of the building generally, to become a modern workplace. It will also form a facility for use by the local community, improve office spaces, training rooms, outdoor facilities and gym facilities which aid staff fitness.