

Case Study:

Education Establishments

Customer:

Primary School

Overview

Quadratek is a well-established preferred IT Data Infrastructure partner for a number of Primary and Secondary schools in the South East.

Our challenge

To install 8-core OM4 Multi Mode CST external grade fibre optic cable between two buildings.

What we did

Utilising existing duct routes across the site, Quadratek chose to install OS2 fibre to ensure 10G performance over the distances involved. All cores were fusion spliced onto OS2 LC pigtailed using a calibrated Sumitomo core aligning splicer and dressed neatly into new LC SM fibre patch panels.

After all cables were labelled to the schools format, they were tested with a fully calibrated OTDR at dual wavelengths from all locations.

The result

Since our initial engagement with the school, Quadratek has completed installations covering all aspects of data infrastructure ranging from cabinet installations, fibre optic and voice links as well as the Cat5e/Cat6 structured cabling. These installations were either to expand existing networks, accommodate moves and changes or in some cases to replace PVC cabling with the appropriate CPR fire rated cable recommended for these environments.

Preferred IT Data
Infrastructure
supplier since 2013