

CASE STUDIES



Connecting Your Future

Client

J Murphy & Sons

Case

Hyndburn Wind Farm – Blackburn

Supply Materials Sub-duct Cable, Splice and Test

After completing the tender process FKS (UK) Limited were awarded a supply and install project order via J Murphy Group, time scales were very challenging orders were placed with our approved supplies to meet the clients specification including supply of 48 fibre single mode cable, sub duct supply and supply of all joint closures.

The route was surveyed to ensure all measures were correct and ropes existed in the duct system, 1 way Sub duct was installed through the route 6800m over a two day period, 7000m of 48 fibre cable was installed using conventional installation techniques which included the use of an assist winch, the cable installation was also carried out over a two day period.

As the cable started to be installed a fibre splicer and our senior tester were mobilized to carry out the splicing phase of the project, in total the installation and splicing took five days.

A witnessed OTDR and ILM test at 1310nm and 1550nm was carried out in both directions on day six, a comprehensive set of test results were submitted to the client along with a record of each individual splice loss as an as built record within two days of completion of all works, the project was completed six days ahead of schedule.

All operatives are fully accredited with NRASWA certification as well as being CSCS accredited to work on site.