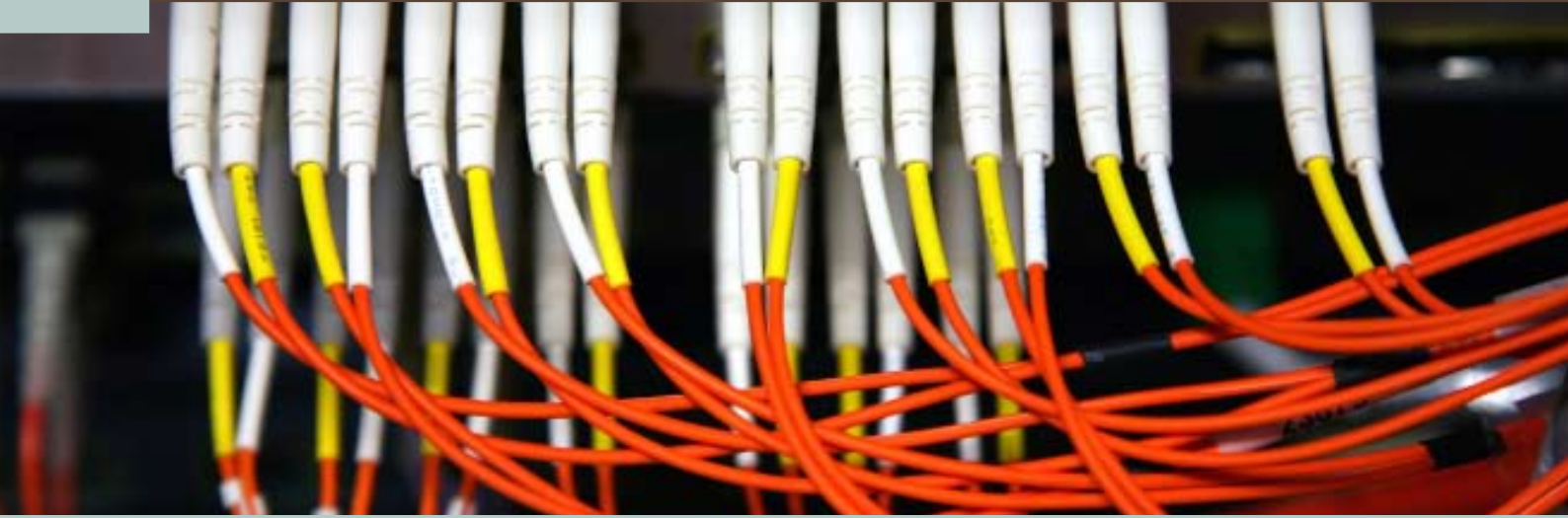


ITM Solution Brief

Production Unit



ITM Communications is an independent specialist provider of cost effective and energy efficient ICT infrastructure services and solutions to the corporate, financial, government, defence, healthcare, construction, systems integrator and outsourcer markets in the UK, Europe and Middle East.

Leading Technology

Fibre optics has found many uses in a variety of industries; however, the installation of fibre optics requires specialist skills, especially in the terminating and testing phases. For many this proves to be a significant investment that is neither practical nor financially viable for their business.

The Solution

ITM offer a unique pre-terminated optical fibre cabling solution that requires no on-site termination or certification testing. This removes the need for specialist engineers and dramatically reduces both installation time and cost.

With simple plug and play termination of the fibre backbone there is no longer a requirement for specialist engineers or expensive onsite fibre terminating and test equipment. Each cable is tested by ITM before being delivered to site and provided with a certificate of performance.

Benefits of using a pre-terminated cabling solution include:

- Significantly reduced installation timescales and costs
- Quality controlled and 100% factory tested
- No site storage requirement or site waste
- Improved manageability with online access to test results


Production Services

At ITM's dedicated in-house pre-terminating facility, industry-leading CAD software processes are utilised to manage and track the manufacturing process to completion. Working to customer drawings, measurements are taken and checked against site survey reports, details are then uploaded to the assembly database for factory production and labelling.

Made from all types of fibre cable, with multiple numbers of cores and connectors to suit the client's individual requirements, each pre-terminated fibre assembly comes complete with a protective tube to prevent the connectors becoming snagged during installation. Once the assembly has been pulled into position the tube can easily be removed to allow the connectors to be coupled up to the equipment, ensuring the system is operational without any problems.

To assist clients that lack the required engineers or support to fulfil a cabling installation, ITM can provide experienced on-site installation engineers. As part of this complete end-to-end solution, ITM also offers an active equipment pre-configuration service, and can supply pre-built racks and cabinets as required.

As most projects are paid on results, ITM provides secure, online access to all project test results, documentation, warranties, and technical information. This immediate access enables the client to complete the required handover processes quickly and secure prompt payment.



By adopting a flexible approach to client requirements, ITM applies best of breed technology, in-house expertise and innovation, to deliver compliant solutions and services that offer value for money and achieve industry best practice.

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