

Application note



Pre-Terminated cables

The solution consists of universal indoor or outdoor cables factory with connectors at each end. Any type of connectors can be used for the assembly: ST, SC, LC, MTRJ, etc. Fibre types can be singlemode, 50/125µm or 62.5/125µm. A pulling eye system is positioned at the end of the cable to protect the terminations while pulling the cable through ducts. When the cable has been installed, the pulling eye system is cut off and the terminated fibres are fed into the patch panel. Since the assembly is made in factory, all pre-terminated fibre optic cables are 100% tested and supplied with test results.



FEATURES: 100% project customized for customer

The cable is assembled according to the customer specifications: length, fibre count, connector type, fanout leg size, cable construction, labelling, etc. Cables are delivered fully tested (Insertion Loss, Return Loss, Interferometers, ...) and documented. They are ready for installation and are available with factory installed pulling eyes.



BENEFITS

- Lower installation cost
- Lower cost of ownership
- No consumables, termination tool kits or specialized termination training required
- No cable preparation necessary
- No cable or connector scrap
- No installer termination errors
- Higher performing factory terminated connectors provide improved end-to-end attenuation, throughput and application migration.



APPLICATIONS

Interbuilding and Intrabuilding backbones for Local Area Network (LAN) Premise and Campus applications.
Data center main, horizontal, zone and equipment distribution area trunk cables for Storage Area Network (SAN) applications.



CONSISTENT QUALITY

Connector and cable materials are extensively inspected prior to assembly. Every terminated fiber optic cable receives 100% inspection for both insertion loss and visual defects. Interferometers are used for accurate end-face geometry testing.