

TMS / ITS - Approved Products List

Indoor Fiber Pigtail - Singlemode (FC-UPC)

This assembly is used for splicing to outdoor fiber optic cables that terminate in splice panels. The indoor pigtail assemblies consist of six connectors with fibers surrounded by aramid yarn and bundled into a distribution style PVC cable jacket that is UV and moisture resistant . The total length is 5 meters (16 ft.) with 0.3meter (12 in.) of that being the breakout length.

The single mode fiber and FC-UPC connector assembly shall meet the latest issue of Telcordia GR-326 CORE specification requirements and the following additions:

- The fiber meets the ITU-T G.652.D specification.
- The connectors are of one-piece construction, have metallic coupling nuts and bodies, zirconia ceramic ferrules and protective caps.
- Each connector is secured to a 900 micron buffered fiber where it is covered with a protective PVC boot.
- The PVC jacket is yellow.
- The typical connector return loss after assembly polish is -57 dB, -55 dB minimum.
- Each fiber assembly must have the length labeled on it and be provided in an individual package that contains insertion and reflectance loss test results.