

TMS / ITS - Approved Products List

Indoor Fiber Pigtail –Singlemode (LC)

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 flame- retardant cable jacket. The total length is 5 meters (16 ft.) with 0.3meter (12 in.) of that being the breakout length.

The single mode fiber and LC/UPC connector assembly shall meet the latest issue of Telcordia GR-326 CORE Type II Media (0.9mm) specification requirements and the following additions:

- Single Mode fiber shall meet the attributes of ITU-T G.652.D Table 2 (low water peak) and ITU-T G.657.A1 (low bend loss).
- The 6 individual connectors are blue in color, simplex, LC/UPC with protective caps.
- Each connector is secured to a 900 micron buffered fiber where it is covered with a protective boot.
- The jacket is colored 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.