



## Build Specifications for Custom QuickTrex® MTP® Cable Assemblies

- All Pre-Terminated MTP Trunk Cable Assemblies will be custom made at the time of your order, built to your specifications utilizing Corning® optic fiber and genuine US Conec branded MTP® connectors.
- All multi-strand fiber assemblies will include heavy duty buffer tubes for each 12 fiber breakout which will be securely fastened to the outer jacket using high strength adhesive type heat shrink tubing.
- The MTP connectors will be staggered to minimize the size of the pulling basket which will be ¾”.
- One wrap around label is to be attached to each end of the cable assembly for identification. The label text includes the cable part#, and a unique serialized number.
- Pull Eyes (pulling baskets) (if so equipped) are made from Super strong polyethylene mesh and feature a free-spinning buckle to eliminate twisting of the cable during the pull.
- Heat shrink tubing will be used at:
  - 1) The transition from the buffer tubes to the cable jacket.
  - 2) Where the basket meets with the turn buckle (pull eye hook)
  - 3) Where the basket ends and connects with the cables jacket.

### **TESTING**

All MTP connections are polished and tested in accordance with IEC standards and specifications for insertion loss and return loss, where applicable.

All fiber ends are visually inspected with a fiberscope of 400 power or better for surface defects including, cracking, pitting, and scratches, on the glass surface of the connector. All ends are tested utilizing a Loss Test Set to the following standards: Multimode 62.5/125 and 50/125: IL Max 0.2db, Min -. Singlemode: IL “ Max 0.2dB Min - .01dB - ORL (optical return loss) - 55dB. Note on “Loss Over Distance”: Singlemode Fiber has a typical loss per Kilometer of 1.0 dB at 1310 MN, 1.0 dB at 1383 MN, 0.75 dB at 1550 MN. \*Interferomic testing is available upon request.

**\* All test results will be included with each assembly.**

**Lead Time: Typically 2-4 days**

\*For any questions, further customization, or if you have an urgent order that needs expediting please contact us.

**Phone: 888-568-1230**

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