



THE TLC NEWSLETTER

“Items of interest from The Light Connection and the fiber optic industry at large.”

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OM4 STANDARDS APPROVED

After nearly three years of discussion, the TIA Standards Committee approved standardized specifications and measurement methods for the OM4 multimode fiber in August 2009. OM4 is a laser-optimized, high bandwidth 50 micron multimode fiber with increased bandwidth value over OM3. For 10 GbE, OM3 supports 300 meters and OM4 supports 550 meters. For 40 GbE and 100 GbE, the standard includes objectives for OM3 to support 100 meters and OM4 to support 125 meters.

TLC is proud to offer two OM4 products, Corning's InfiniCor eSX+ and ClearCurve OM4 fibers, as an option in all of its cables. If you and your customers could benefit from increased OM4 bandwidth, contact a TLC account manager for details.

NEW TLC PRODUCTS RECEIVE UL CERTIFICATION

In September, TLC's plenum-jacketed microdistribution, dry loose tube and breakout cables received UL certification, joining the riser-jacketed cables approved for sale earlier this year. With this approval, TLC's customers' may order any version of their newest line of space-saving, cost-effective, easy-to-terminate and high fiber count cables.

Micro-distribution (also know as mini-distribution) cables contain from 2 to 72 colored fibers in 1 to 6 inner tubes. Aramid yarn gives the subunits and the cable flexibility and strength. Most installations of microdistribution cable are indoors, including data center and MDU applications. **Dry Loose Tube** cable has a similar construction and is available for indoor/outdoor and outside plant applications. Dry loose tube cable can be armored, deployed underground or strung aerially though it requires lashing. **Breakout** cable is comprised of 2 to 12 (900 micron) tight buffers in a 2mm jacket. Due to the ease with which it can be terminated, breakout cable has many applications in buildings and as patch cord cable.

These cables are always attractively priced, and during the plenum launch promotional period, even more so. Call today for details.

ENHANCED BEND PERFORMANCE FIBER GROWING IN POPULARITY

TLC has noted a rapidly rising demand for enhanced bend performance (also known as bend insensitive or bend optimized) fiber, and why not? With superior macrobending performance compatible with current optical fibers, these fibers can be used in challenging installations with significantly less signal loss. Ease of installation, low cost, space saving and long life-cycles are other reasons why this is the fiber of choice for many installations and enterprise network projects.

TLC has enhanced bend performance fiber available in single mode and 50 micron multimode. Many cable constructions are in stock and available for immediate shipment.

NEED ARMOR QUICKLY?

In recognition of the growing demand for armored cable, TLC has stocked small quantities of the most popular constructions with plenum jacketing and aluminum interlocking armor. If you have an immediate armored cable need, contact a TLC account manager for price and availability.

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