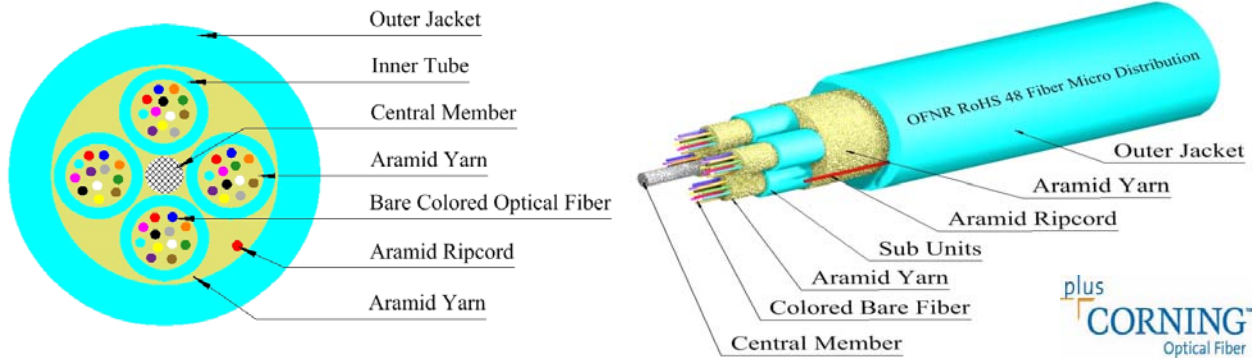


48 Fiber ClearCurve OM3 Micro Distribution, Riser

**Part Number
M50MD48CGNRA4T-A**



The Light Connection's 48 fiber Micro Distribution Cable is composed of four sub units, an optional central member, an aramid ripcord, and a PVC outer jacket. Each sub-unit consists of 12 colored glass fibers surrounded by aramid yarn with a PVC jacket 2.95mm in diameter. All component materials meet the EU RoHS and REACH Directive standards. Sub-units can be color-coded or sequentially numbered.

TLC Micro Distribution Cable is available in 12 TIA standard colors or special-order colors. UL Listed OFNR cables are available, and unlisted, unrated cable can be supplied to accommodate special needs. Standard surface print denotes construction, NEC rating and fiber type, and includes footage markers. Custom print can also be accommodated.



Product Specifications

Storage Temp. (C°) Operating Temp. (C°)
-40 / +70 -20 / +70

Cable Characteristics

| TLC Part Number | Jacket Material | Fiber Count | Nominal Dimension | Weight lbs. / Km | Pull Load (N) Install / Operate | Bend Radius (cm) Install / Operate |
|------------------|-----------------|-------------|-------------------|------------------|---------------------------------|------------------------------------|
| M50MD48CGNRA4T-A | PVC Aqua | 48 | 10.75 mm | 157 | 5328/4263 | 15/10 |

Optical Characteristics

| Fiber Type | Core Size | Attenuation (MAX) | Bandwidth (LED) 850 nm | Bandwidth (LED) 1300 nm | Link Lengths @ 850nm 1 GB/s / 10 GB/s |
|----------------|-----------|--------------------|------------------------|-------------------------|---------------------------------------|
| ClearCurve OM3 | 50/125 | 3.50 dB/km @ 850nm | 1500 | 500 | 1,000 mtr / 300 mtr |

For more information on the fiber characteristics, please consult with your TLC representative.
You can also visit the TLC website at www.thelightconnection.com



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Supersedes REV- 1.0 Date- 7/21/09