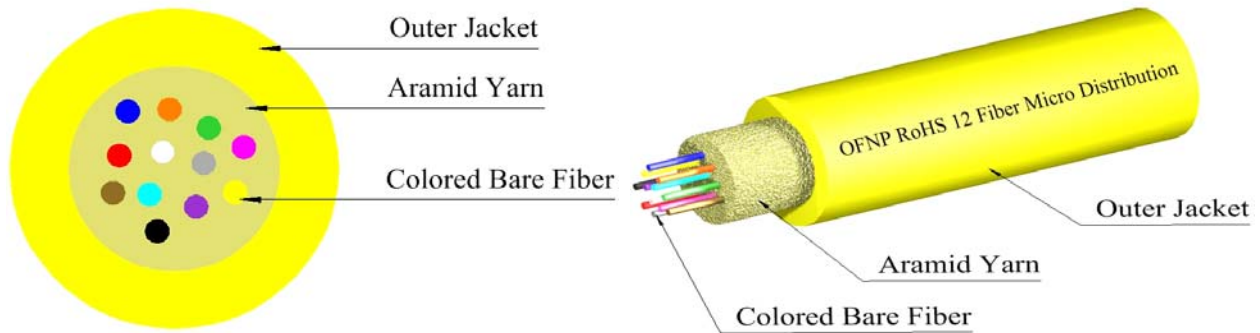


# 2-12 Fiber SMF28e+ Micro Distribution, Plenum

**Part Number  
S09MD12CNPY**



The Light Connections Single-tube Micro Distribution Cable is composed of 2 to 12 colored glass fibers, aramid yarn, and a PVC outer jacket. All component materials meet the EU RoHS and REACH Directive standards.

TLC Micro Distribution Cable is available in 12 TIA standard colors or special order colors. UL Listed OFNP cables are available, and unlisted, unrated cables 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°)  
-40 / +85

Operating Temp. (C°)  
-20 / +85

## Jacket Characteristics

TLC Part Number	Jacket Material	Fiber Count	Nominal Dimension	Weight lbs. / Km	Pull Load (N) Install / Operate	Bend Radius (cm) Install / Operate
S09MD12CNPY	PVC Yellow	12	2.95 mm	18	1332/1066	4.7/3.1

## Optical Characteristics

Fiber Type	Core Size	Attenuation (MAX)	Link Lengths @ 1550nm 1 GB/s / 10 GB/s
SMF28e+	9/125	0.8 dB/km @ 1550nm	5,000 mtr / 10,000 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](http://www.thelightconnection.com)



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REV-2.0 Date- 10/16/09

Supersedes REV- 1.0 Date- 8/4/09

- The Light Connection's 12 fiber Micro Distribution cable is comprised of 12 bare fibers colored to TIA/EIA standards. Along with the fibers, aramid yarn is added for both strength and flexibility. An outer jacket of plenum covers the cable.
- A separator tape surrounds the inner cable to ease the breakout of the inner sub units. A central member add support and overall cable strength.
- Cables are available in the standard 12 color and custom colors can be done to the customers needs. Standard print consists of the jacket type of the cable, foot markers, and the fiber type repeated every 2 feet. Custom print is also available.
- All materials used in the manufacturing process meet EU RoHS and REACH Directive standards.

