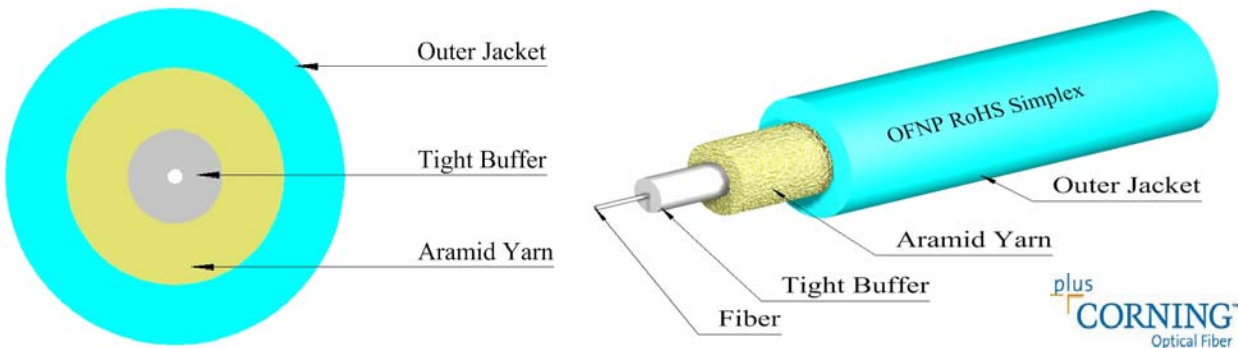


# ClearCurve OM3 Simplex, Plenum

**SIMPLEX**



The Light Connections Simplex Cable is composed of a tight buffer, aramid yarn, and a PVC outer jacket. All component materials meet the EU RoHS and REACH Directive standards.

TLC Simplex 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/ Fiber Characteristics

TLC Part Number	Jacket Material	Fiber Count	Nominal Dimension	Weight lbs. / Km	Pull Load (N) Install / Operate	Bend Radius (mm) 2 turns
M50SX01CGNPA	PVC Aqua	1	2.95 mm	17	1332/1066	7.5
M50SX01CGNPA20	PVC Aqua	1	1.95 mm	12	888/710	7.5
M50SX01CGNPA18	PVC Aqua	1	1.80 mm	11	888/710	7.5
M50SX01CGNPA16	PVC Aqua	1	1.60 mm	10	666/533	7.5

## 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 MHz	500 MHz	1000 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](http://www.thelightconnection.com)



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