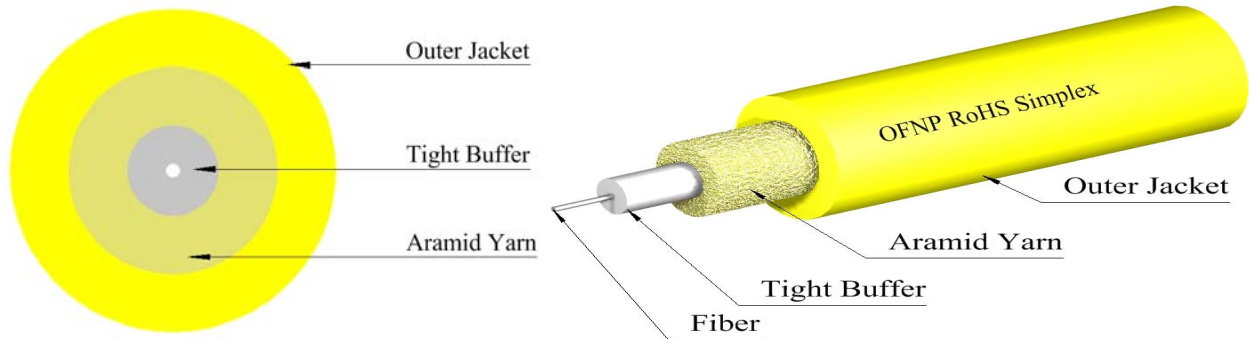


# SMF28e+ Simplex, Plenum

**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 Characteristics

TLC Part Number	Jacket Material	Fiber Count	Nominal Dimension	Weight lbs. / Km	Pull Load (N) Install / Operate	Bend Radius (cm) Install / Operate
S09SX01CNPY	PVC Yellow	1	2.95 mm	17	1332/1066	4.4/2.9
S09SX01CNPY20	PVC Yellow	1	1.95 mm	15	888/710	2.9/1.9
S09SX01CNPY18	PVC Yellow	1	1.80 mm	14	888/710	2.7/1.8
S09SX01CNPY16	PVC Yellow	1	1.60 mm	13	666/533	2.4/1.6

## Optical Characteristics

Fiber Type	Core Size	Attenuation (MAX)	Link Lengths @ 1550nm 1 GB/s / 10 GB/s
SMF28e+	9/125	0.80 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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