

# 1 Fiber SMF-28® Ultra Indoor/Outdoor Cable, Plenum



## Description

The Light Connection's Indoor/Outdoor Cable is composed of a tight buffered optical fiber, aramid yarn, and a PVC outer jacket. All component materials meet the EU RoHS and REACH Directive standards.

TLC Indoor/Outdoor Cable is available in 12 TIA standard colors or special order colors. UL Listed OFNP cables are available, and unlisted, unrated cables may be supplied to accommodate special needs. Standard surface print denotes construction, NEC rating, fiber type, and includes footage markers. Custom print can be accommodated.

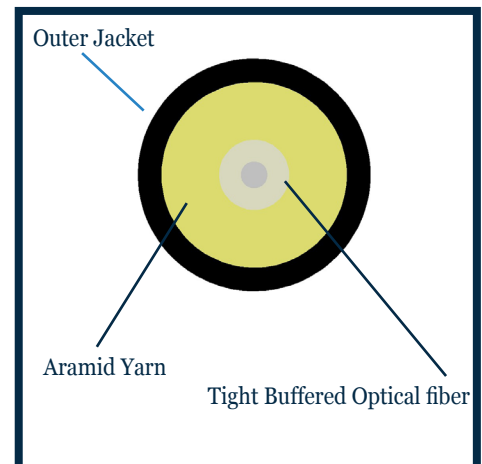
## SPECIFICATIONS

### Temperature Range

Storage Temperature	-40 C to +70 C
Operating Temperature	-40 C to +70 C

### Cable Characteristics

<i>Mechanical</i>		<i>Optical</i>	
Fiber Count	1	Fiber Type	SMF-28® Ultra
Strength Member	Aramid Yarn	Core Size	9/125
Overall Jacket Material	PVC	Attenuation(MAX)	0.4dB/km @1550nm
Nominal Outer Diameter (mm)	2.85	Mode-Field Diameter[1310/1550nm]	9.2/10.4µm
Bend Radius [1 turn](mm)	10	Numerical Aperture	0.14
Weight (lbs/km)	20	Link Length@1550[1GB/s / 10GB/s]	10,000mtr/5,000mtr



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