

Simplex Cable, Plenum

Features and Benefits

- 2mm Jacket
- Available in custom colors

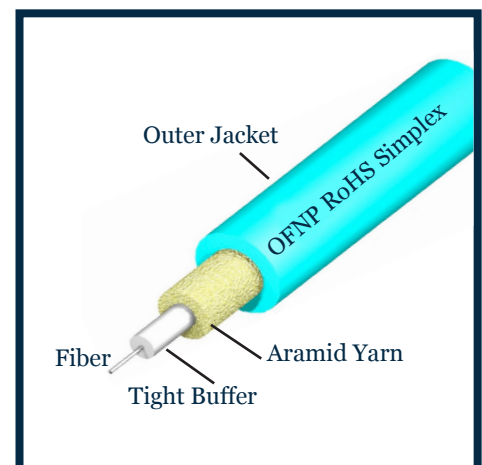
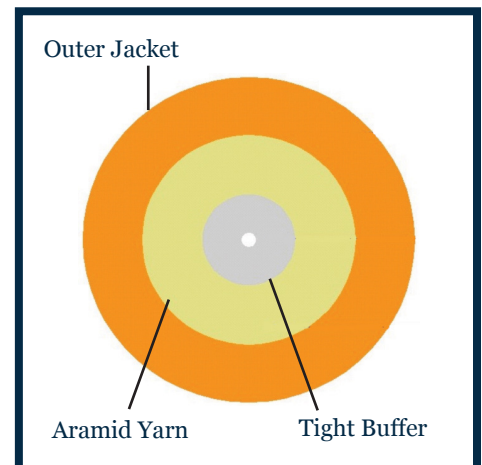
Description

This Simplex 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.

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

Application
Plenum

Flame Rating
NFPA 262



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SPECIFICATIONS

Temperature Range

Storage Temperature	-40 C to +70 C
Operating Temperature	0 C to +70 C

Cable Characteristics

Fiber Count	1
Outer Jacket Material	Flame Retardant PVC
Outer Jacket Color	Available in 12 TIA/EIA color standard
Strength Member	Aramid Yarn
Tight Buffer Material	Flame Retardant PVC
Tight Buffer Color	White

Physical Characteristics

	Value
Nominal Outer Diameter (mm)	1.95
Weight (lbs/km)	14
Minimum Bend Radius (mm) (Bend Insensitive SM 1 turn)	10
Minimum Bend Radius (mm) (Bend Insensitive MM)	7.5

Optical Characteristics

Items Single Mode

Core Size [μm]	9
Wavelength [nm]	1310/ 1550
Max. Attenuation[dB/km]	0.5/ 0.4
Link Length[m]	10,000/5,000 (1/10Gb/s@1550nm)
Bandwidth (EMB High Performance)[MHz.km]	–

Fiber Type (9/125)	**
SMF-28 Ultra	CZ