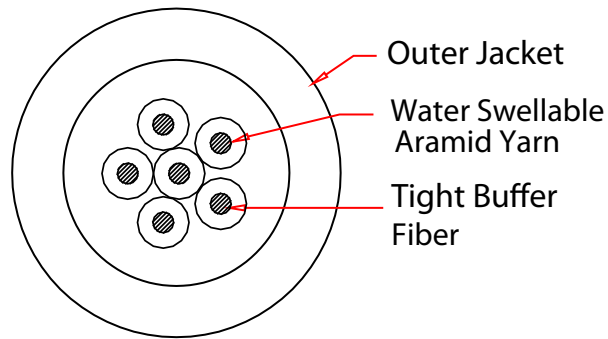


Rev.	Description	Date
A		11-2021

RoHS



Cable Section

Applications

Outdoors in duct, indoors in the plenum space, tray installations

Applicable Documents

- TIA/EIA FOTP Standards 455
- Color Coding of Fiber Optic Cable TIA/EIA-598
- NFPA262
- Compliant with ANSI/TIA-568-C.3 Standard

Cable Construction Details

- Tight Buffered Fiber,
Dimension: 900um, Nominal
- Tight Buffer Color Code:
As per TIA/EIA-598 Standard or per Customer requirement
- Cable Strength:
Water swellable aramid yarns are pulled in with tight buffered fibers under the outer jacket
- Overall Sheath: UV resistant remguard plenum rated polymer

Maximum Tensile Load

- Installation: 6 fiber 1610N/ 3621bf
- Long Term: 6 fiber 535N/120lbf

Minimum Bending Radius

- Loaded: 20 x Diameter
- Unloaded: 10 x Diameter

Impact Resistance(Min.)

25 Impacts

Flexing $\pm 90^\circ$ (Min.)

25 Cycles

Temperature Rating

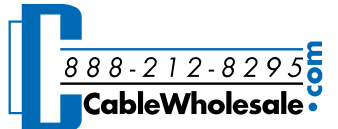
- Operation: -20°C to +85°C
- Installation: 0°C to +75°C
- Storage: -40°C to +85°C

Nominal Cable Dimensions & Weights

Product	Singlemode, 9/125
Fiber Count	6
Outer Jacket Color	Yellow
Cable OD in (mm)	0.200(4.6)
Weight lb/1000ft (kg/km)	18 (27)

Optical Characteristics

Items	Single Mode
Core Size [μm]	9
Wavelength [nm]	1310/ 1550
Max. Attenuation[dB/km]	0.4/ 0.3
Link Length[m]	10,000/5,000 (1/10Gb/s@1550nm)

Item Number:	11E3-Y006NH	
Title:	6 Fiber Indoor/Outdoor Fiber Optic Cable, Singlemode 9/125, OS2, Plenum Rated, Yellow, Spool, 1000ft	
Drawn by:	JL	
Approved by:	MAC	
ID:	204	

No.	Specifications
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