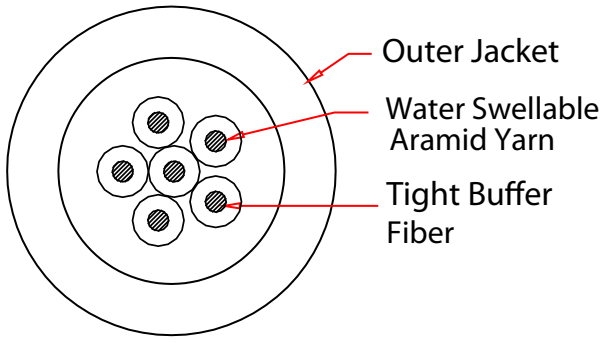


Rev.	Description	Date
A		11-2021

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 ±90°(Min.)**  
 25 Cycles

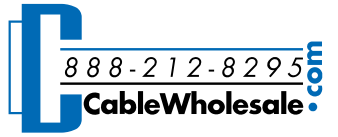
**Temperature Rating**  
 ·Operation: -20°C to +85°C  
 ·Installation: 0°C to +75°C  
 ·Storage: -40°C to +85°C

**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	