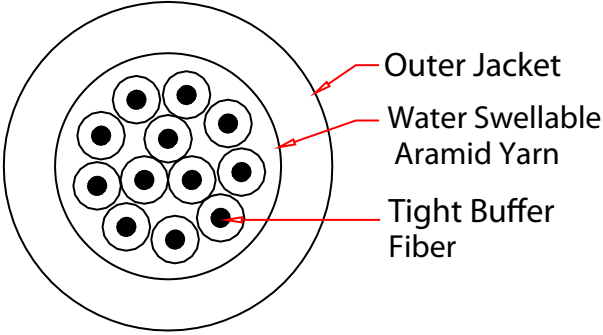


RoHS

Rev.	Description	Date
A		10-2021



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: 12 fiber 2700N/ 6001bf
 ·Long Term: 12 fiber 600N/135lbf

Minimum Bending Radius
 ·Loaded: 20 x Diameter
 ·Unloaded: 10 x Diameter

Impact Resistance(Min.)
 25 Impacts

Flexing ±90°(Min.)
 25 Cycles

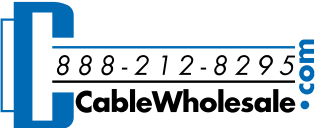
Temperature Rating
 ·Operation: -20°C to +85°C
 ·Installation: 0°C to +75°C
 ·Storage: -40°C to +85°C

Nominal Cable Dimensions & Weights

Product	Singlemode, 9/125
Fiber Count	12
Outer Jacket Color	Yellow
Cable OD in (mm)	0.250(5.8)
Weight lb/1000ft (kg/km)	26 (39)

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)

Item Number:	11E3-Y012NH	
Title:	12 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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