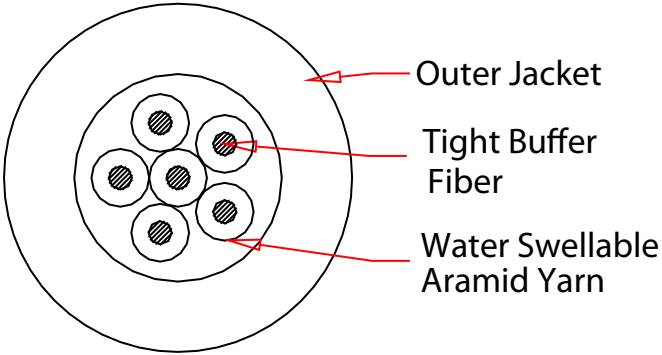


RoHS

Rev.	Description	Date
A		10-2021



Cable Section

Outer Jacket
Tight Buffer Fiber
Water Swellable Aramid Yarn

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 of per Customier 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

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

Impact Resistance(Min.)
 25 Impacts

Flexing ±90°(Min.)
 25 Cycles

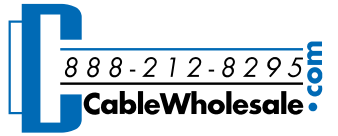
Temperature Rating
 ·Operation: -20°C to +85°C
 ·Installation: 0°C to +75°C
 ·Storage: -40°C to +85°C

Nominal Cable Dimensions & Weights

Product	Multimode, 50/125
Fiber Count	6
Outer Jacket Color	Aqua
Cable OD in (mm)	0.200(4.6)
Weight lb/1000ft (kg/km)	18 (27)

Optical Characteristics

Items	OM3
Core Size [µm]	50
Wavelength [nm]	850/ 1300
Max. Attenuation[dB/km]	3.0/ 1.0
Link Length[m]	300 (10Gb/s@850nm)
Bandwidth (EMB High Performance)[MHz.km]	2000 @850

Item Number:	11E3-A306NH	
Title:	6 Fiber Indoor/Outdoor Fiber Optic Cable, Multimode 50/125 OM3, Plenum Rated, Aqua, Spool, 1000ft	
Drawn by:	JL	
Approved by:	MAC	
ID:	204	

No.	Specifications
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