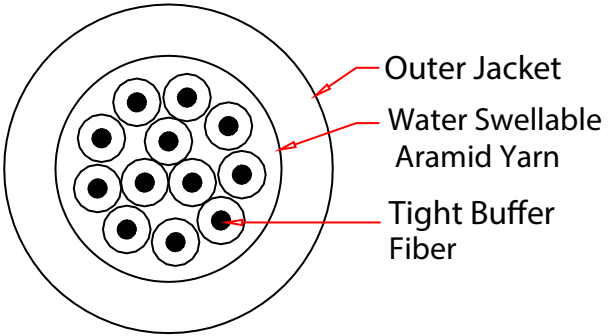


RoHS

Rev.	Description	Date
A		04-2023



Cable Section

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

Crush Resistance: 100 N/cm

Impact Resistance (min.): 25 Impacts

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	12
Outer Jacket Color	Aqua
Cable OD in (mm)	0.250(5.8)
Weight lb/1000ft (kg/km)	26 (39)

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

Applications

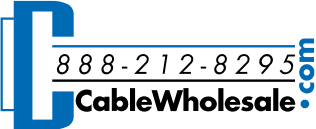
Outdoors in duct, indoors in the plenum space, tray installations

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

Item Number:	11E3-A312NH	
Title:	12 Fiber Indoor/Outdoor Fiber Optic Cable, Multimode 50/125 OM3, Plenum Rated, Aqua, Spool, 1000ft	
Drawn by:	JL	
Approved by:	MAC	
ID:	204	