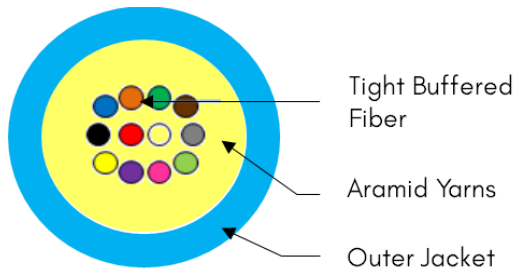


## Multimode OM3 Indoor Fiber Cable

These Fiber Cables are made of a UV curable acrylate material coated above the cladded fiber core. This fiber cores have 900µm PVC jacket (tight buffered fiber). Aramid Yarn works as strength member for this construction. Outer Jacket Construction made of LSZH (Low Smoke Zero Halogen) Jacket

These Fiber cables are designed for use for Internal applications only.



### Standards

- ANSI/TIA-568.3-E
- ISO/IEC 11801

### Construction

Core/Clad Diameter (µm)	50/125
Coating Diameter (µm)	250±15
Tight Buffer Diameter (µm)	900±50
Number of Cores	6/12
Outer Jacket	Low Smoke Zero Halogen
Outer Diameter (mm)	5.50 ± 0.20 (6 C) 6.50 ± 0.20 (12 C)
Colour of Jacket	Aqua
Fiber Colours	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Strengthening Material	Aramid Yarn
Yarn Size	1500D x 12 (6C) 3000D x 10 (12C)
Rip Cord	Yes
Maximum Tensile Load (N)	600/ 800
Maximum Crush Resistance (N/cm)	800 / 1000

### Transmission Data

Fiber Type	Multimode (OM3) 50/125
Operating wavelength range (nm)	850/1300
Attenuation (+20°C) @850nm (dB/Km)	≤ 3.5
Attenuation (+20°C) @1300nm (dB/Km)	≤ 1.5

### Environmental

Transport and Storage	-20° to 75°C
Installation	4° to 50°C
Operation	-20° to 75°C
Humidity	10% to 90% RH



### Compliances

Flammability	IEC 60332-1
Smoke density	IEC 61034
Acid gas	IEC 60754-1
Mode Field Diameter	IEC 60793 1 45
Core/Clad Concentricity, Cladding Diameter, Cladding Non circularity	IEC 60793 1 20
Attenuation coefficient	IEC 60793 1 40
Chromatic dispersion	IEC 60793 1 42
Cable cut off wavelength	IEC 60793 1 44

### How to Order

Description	Product Code
Multimode (OM3) Indoor Tight Buffer LSZH Cable, Aqua	600309-2YYY

YYY Denotes Number of Cores

Cores	Product Code
6	600309-2006
12	600309-2012

Other Customised construction and various core density are available upon request.