

FIBER CABLE INDOOR DISTRIBUTION

Description

- Tight buffered cable
- Aramid yam strength member
- PVC,LSZH, Plenum outer sheath available
- Universal Outer Sheath Colour Indication: Yellow for Singlemode and Orange for Multimode.
- Small diameter to provide flexibility and easy access in limited area.
- Allow termination with standard fiber connector.

Application

- Suitable for indoor distribution in riser or fiber to the desk.
- Aramid strength member reduce weight for longer span length
- Total light weight, All Dielectric Self-Supporting construction

Mechanical & Environmental Characteristics

Operation Temperature	-20C~+60C
Storage Temperature	-40C~+70C
Tensile : Short Term	600N
: Long Term	450N
Crush Load	400N
Bending Radius : Short Term	≤15 * Cable Diameter
: Long Term	≤10 * Cable Diameter
Water Penetration	Comply to IEC794-1-F5

Geometrical parameters

Fiber/Glass Type	MM	MM	SM
Core Diameter	62.5 μm	50 μm	9 μm
Mode Field Non-Circularity (MFD)	-	-	≤0.5μm
Core / Cladding Concentricity Error	≤2μm	≤2μm	≤0.6μm
Cladding Diameter	125μm±2.0	125μm±2.0	125μm±2.0
Cladding Non Circularity	≤2.0%	≤2.0%	≤1.0%
Coating / Cladding Concentricity	≤12μm	≤12μm	≤12μm
Primary Coating Diameter	≤2.0 %	≤2.0 %	≤1.0 %
Numerical Aperture	245±5μm	245±5μm	-

Fiber No

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

Type

Fiber Count

Outer Sheath

Cable

Weight

Thickness

Outer Diameter

(kg/km)

TTOC - IC - XM02C

2

1.0

4.5

15

TTOC - IC - XM04C

4

1.0

5.0

22

TTOC - IC - XM06C

6

1.0

5.0

23

TTOC - IC - XM08C

8

1.0

5.5

27

TTOC - IC - XM12C

12

1.0

6.3

33

TTOC - IC - XM24C

24

1.3

9.2

45