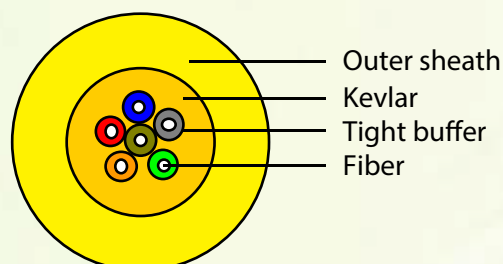




FIBER CABLE INDOOR DISTRIBUTION

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
- FTTH Network

Mechanical & Environmental Characteristics

Fiber count		4	6	8	12	16	24
Jacket thickness (mm)		0.8	1.0	1.0	1.0	1.0	1.2
Outer diameter(mm)		4.8±0.2	5.2±0.2	6.2±0.2	6.8±0.2	7.4±0.4	8.6±0.4
Nominal weight(Kg/Km)		19	23	29	38	48	60
Max. tensile strength(N)	Short term	270	330	480	600	660	720/1320
	Long term	90	110	160	200	220	240
	Standard	IEC60794-1-2-E1A					
Min. Bending Radius(mm)	Dynamic	20D	20D	20D	20D	20D	20D
	Static	10D	10D	10D	10D	10D	10D
Max. crush resistance (N/100mm ²)		1000	1000	1000	1000	1000	1000
Standard		IEC60794-1-2-E3					
Temperature range		-20°C~+60°C					

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 CABLE INDOOR DISTRIBUTION

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

Ordering Information

Part Number	Description
TTOC-IC-XM04C	TTECH Fiber Indoor Distribution Cable 4 Core
TTOC-IC-XM06C	TTECH Fiber Indoor Distribution Cable 6 Core
TTOC-IC-XM08C	TTECH Fiber Indoor Distribution Cable 8 Core
TTOC-IC-XM12C	TTECH Fiber Indoor Distribution Cable 12 Core
TTOC-IC-XM24C	TTECH Fiber Indoor Distribution Cable 24 Core

FIBER OPTIC