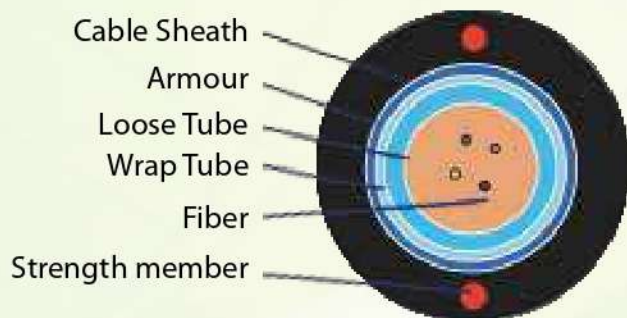


Description

- Single jelly compound filled loose tube containing up to 24 fibers
- Water proof tape between steel tape loose tube
- Double sided PE or LSZH with corrugated steel tape
- Parallel double steel wire as strength member
- Compact structure and light weight
- Excellent crush-resistant and good water proof layer.

Application:

- Long distance communication systems links
- Local area network and subscriber network



Mechanical & Environmental Characteristics		Transmission Parameters			
Operation Temperature	-20C~+60C	Fiber/Glass Type	MM (62.5μm)	MM (50 μm)	SM (9 μm)
Storage Temperature	-40C~+60C	Operating Wavelength	850/1300nm	850/1300nm	1310/1550nm
Tensile : Short Term	1500N	Band Width (MHz.Km)	≥160/500	≥200/500	-
: Long Term	600N	Attenuation (dB/Km)	3.50/1.50	3.50/1.50	0.45/0.30
Crush Load : Short Term	1000N	Polarization Mode Dispersion (PMD)	-	-	≤0.2ps/(km)
: Long Term	300N				
Bending Radius : Short Term	30 * Cable Diameter				
: Long Term	10 * Cable Diameter				
Water Penetration	Comply to IEC794-3				

Geometrical parameters			
Fiber/Glass Type	MM (62.5 μm)	MM (50 μm)	SM (9 μm)
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	-

Order Information				
Type	Fiber Count	Loose Tube	Cable	
		Diameter (MM)	Outer Diameter (MM)	(Weight (Kg/Km))
TTOC-AC-XM04C	4	2.3	9.7	110
TTOC-AC-XM06C	6	2.3	9.7	110
TTOC-AC-XM08C	8	2.3	9.7	110
TTOC-AC-XM12C	12	2.3	9.7	110
TTOC-AC-XM24C	24	2.5	10.7	135