



Description:

- Fiber Count: 2 - 288 cores
- Colored fiber
According to the standard chromatogram
- Diameter of Loose tube: 2.15mm ± 0.15mm
- Max. Outer diameter: 10.5mm - 18.8mm ± 0.5mm
- Jacket Material: PE
- Jacket Color: Black
- GYTA Type

Application:

- Optic Access Network
- Local Area Network
- Telecommunication
- CCTV
- Suitable for Conduit, Aerial use

Feature:

- Up to 288 fibers
- High Density & good mechanical performance
- The jacket possesses good ultra violet resistant property
- Storage or transportation: -40~80°C
- Operating Temperature: -20~75°C

Singlemode Fiber Core Characteristics:

Item	Unit	Parameter
Attenuation	dB/km	1310nm≤0.4 1550nm≤0.3
Dispersion Coefficient	Ps/(nm.km)	1285-1340nm≤3.5 1550nm≤18
Zero Dispersion Wavelength	nm	1300-1324
Zero Dispersion Slope	Ps/nm ² .km)	≤0.095
Fiber cutoff wavelength	nm	≤1260
Cladding diameter	um	125±1.0
Cladding non-circularity	%	≤1.0
Coating diameter	um	245±1.0
Coating/cladding concentricity error	um	≤12.5
Proof test	offline	>100[kpsi]
Temperature Range(C)		-40C - +80C

Multimode Fiber Core Characteristics:

Item	Unit	Parameter
Attenuation	dB/km	850nm≤3.0 1300nm≤1.0
Overfilled Modal Bandwidth	MHZ.km	850≥160 1300nm≥200
Core diameter	um	62.5±2.5
Cladding diameter	um	125±1.0
Cladding non-circularity	%	≤1.0
Coating/cladding concentricity error	um	≤12.5
Coating diameter	um	245±1.0
Bending dependence induced attenuation	850nm, 1300nm100 turns 75mm dia	≤0.5dB

Technology Characteristics:

Fiber count	Outside Diameter(mm)	Cable weight (kg/km)	Tensile load		Crush load		Bend radius	
			Short-term	Long-term	Short-term	Long-term	Dynamic	Static
2-60	10.5±0.05mm	112	1500	600	1000	300	20D	10D
62-72	11.5±0.05mm	138	2000	600	1000	300	20D	10D
74-96	13.0±0.05mm	165	2000	600	1000	300	20D	10D
98-144	15.8±0.05mm	222	2000	600	1000	300	20D	10D
144-288	18.8±0.05mm	384	2000	600	1000	300	20D	10D

Stranded Loose Tube, with Aluminum Tape