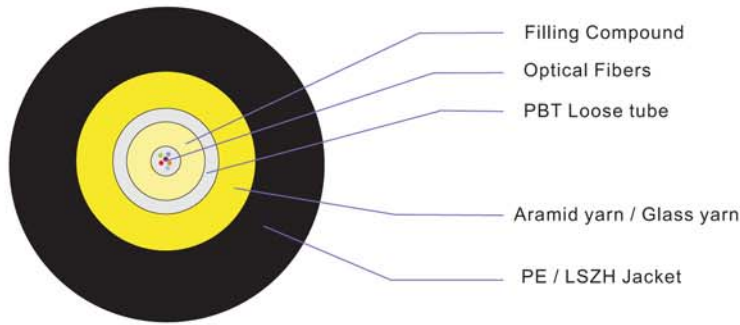


Indoor / Outdoor Loose Tube Central bundled cable



Description:

- Fiber Count: 2 - 12 cores
- Colored fiber:
According to the standard chromatogram
- The out diameter of PBT loose tube: 3.0±0.1mm
- Cable OD: 6.5±0.3mm
- Max.cable Outer diameter: 6.5mm - 9.5mm
- Jacket Material: LSZH / PE as requested
- Jacket Color: Black / as requested

Application:

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

Feature:

- Up to 12 fibers
- High Density & good mechanical performance
- Small cable diameter & light weight
- Jacket available for Flame-retardant or Low Smoke Zero Halogen(LSZH)
- Storage or transportation: -40~75°C
- Operating Temperature: -20~70°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/nm².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 core		2, 4, 6, 8, 10, 12
Outer Diameter(mm)		6.5 - 9.5
Max. Tensile(N)	short-term	1500
	long-term	600
Min .Bending Radius	Dynamic	15D
	Static	10D
Max. Crush Resistance(N/100mm²)		2000