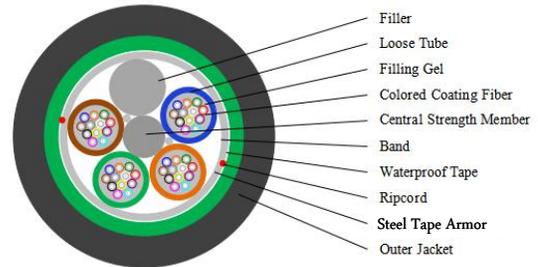


TLT Series Loose Tube Fiber 12 to 288 Count Fiber, Singlemode G.652D

Applications

Applications	Multi-purpose Outdoor – Aerial Lashed, Duct, Direct Buried
Constructions	Dielectric, Armored
Fiber Count	12 to 288 fibers in Color-coded Buffer Tubes
Fiber Types	Singlemode, G.652D
Performance	ANSI/ICEA, IEC, RUS, Telcordia GR-20



Features & Benefits

Easy Cable Entry & Preparation

- Adhesive bond armor greatly improves mid-entry
- Ripcord speeds cable entry & outer jacket removal
- Dry core swellable binders speed cable prep

Flexible Routing & Termination

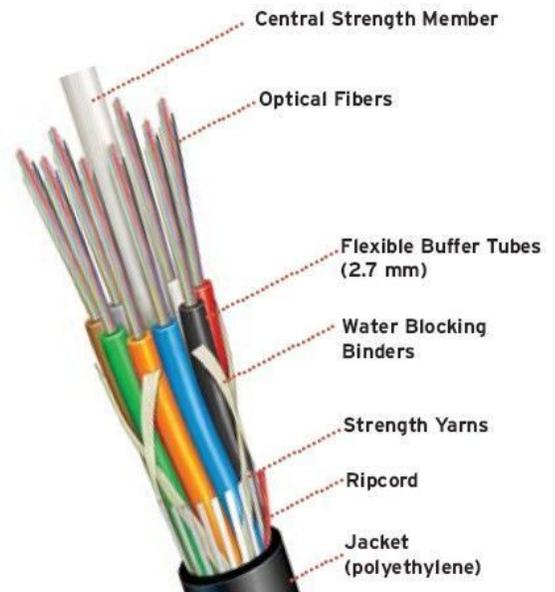
Flexible buffer tubes simplify routing & splicing prep

Multi-purpose Installation & Use

- Suitable for aerial lashed, duct, & direct buried installation
- Small diameter & light weight extend installation length
- Optional corrugated steel tape armor provides mechanical protection & rodent resistance

Reliable Lifetime Performance

- Fiber coating (singlemode) for permanent embedded color & lifetime performance
- Proven water-blocking with swellable core elements
- Guaranteed standards-based performance



Ordering Information

TLT-A-SM-012-D-G652



1 = Cable Series 2 = Jacket 3 = Single Mode 4 = Fiber Count 5 = Water Blocking 6 = Fiber Spec G.652
 A = Armored 12-288 D = Dry
 0 = No Armor G = Gell

TLT Series Loose Tube Fiber 12 to 288 Count Fiber, Singlemode G.652D

Items		Specifications
Fiber Count		24-288
Fiber Type		Singlemode, G.652D, Low Water Peak
Color Coating Fiber	Dimension	250μm±15μm
	Color	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Aqua
Loose Tube	Dimension	2.5±0.1mm
	Material	PBT
	Color	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Aqua
Filler	Dimension	2.5mm ±0.1mm
	Material	PP
	Color	Natural
Central Strength Member	Material	Steel Wire+PE
OuterJacket	Dimension	12-48 Count 0.44" (11.4mm)
		50-96 Count 0.55" (13.9mm)
		98-192 Count 0.65" (16.4mm)
		194-288 Count 0.78" (19.6mm)
	Material	Black Polyethylene

Fiber Attenuation coefficient in Cable	dB/km(1310nm)	≤0.36dB/km
	dB/km(1550nm)	≤0.22dB/km

Color-coding of the fiber will be clear, and not fade due to UV exposure

★Mechanical and physical characteristics of the cable

No.	Characteristics		Parameter value
1	Tensile Strength	Short Term	2700N
		Long Term	800N
2	Crush Resistance Strength (N/100mm)	Short Term	1000N
		Long Term	300N
3	Min. Bending Radius (mm)	Dynamic	20XD
		Static	10XD
4	Temperature range		-40~+60℃

★Cable Marking

Unless otherwise required the sheath will be marked at intervals of 1m, containing:

- (a) Indication in meters (b) Quantity and type of fibers (c) Date of manufacturing (year) (d) Other requirements
(The marks will be permanent and legible for the duration of the cable life)

★Packaging

All cables will be delivered on reels with protection of both ends of the cable. Each reel will have a waterproof mark according to requirements. Normal cable length: as per the customer's requirements