

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