



**Description:**

The fibers are positioned in the central loose tube made of high strength, low shrinkage PBT. The tube is fully filled with thixotropic jelly. The glass yarn strength member is applied between the tube and the corrugated steel tape as additional rodent resistance. The cable is completed with a black PE sheath.

**Features:**

- good mechanical and temperature performance
- dual protection from rodent
- small diameter, light weight and easy installation

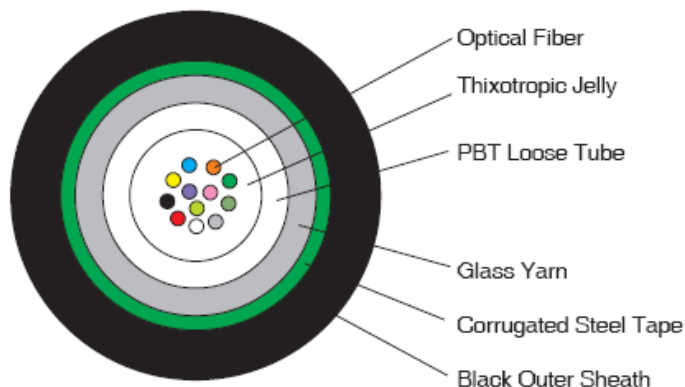
**Compliances:**

- ITU-T G651, ITU-T G652D
- ANSI/TIA 568-B.3
- IEC-794
- RoHS

**Applications:**

- outside plant environments
- suitable for duct application

**Drawing:**



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**Structure & Environmental Characteristics:**

Loose Tube	Material	PBT
Filling Compound	Material	Thixotropic Jelly
Peripheral Strength Member	Material	Glass Yarn
Moisture Barrier	Material	Corrugated Steel Tape
Sheath	Material	PE / black
Operating Temperature	-40°C to +60°C	
Storage / Transport Temperature	-50°C to +70°C	
Installation Temperature	-10°C to +50°C	

**Mechanical Characteristics:**

Fiber count	Outer diameter (mm)	Nominal cable weight (kg/km)	Crush Resistance N/100mm	Tensile load		Bend radius	
				Short term (N)	Long term (N)	Static (mm)	Dynamic (mm)
2	8.8±0.5	105	1000	1500	600	10D	20D
4	8.8±0.5	105	1000	1500	600	10D	20D
6	8.8±0.5	105	1000	1500	600	10D	20D
8	8.8±0.5	105	1000	1500	600	10D	20D
12	8.8±0.5	105	1000	1500	600	10D	20D
24	10.0±0.5	125	1000	1500	600	10D	20D

Note: "D" is cable diameter

**Fiber Color Code:**

No. of fiber	1	2	3	4	5	6
Color of fiber	Blue	Orange	Green	Brown	Grey	White
No. of fiber	7	8	9	10	11	12
Color of fiber	Red	Black	Yellow	Violet	Pink	Aqua
No. of fiber	13	14	15	16	17	18
Color of fiber	Blue/ Black Tracer	Orange/ Black Tracer	Green/ Black Tracer	Brown/ Black Tracer	Grey/ Black Tracer	White/ Black Tracer
	Black Tracer	Black Tracer	Black Tracer	Black Tracer	Black Tracer	Black Tracer
No. of fiber	19	20	21	22	23	24
Color of fiber	Red/ Black Tracer	Neutral/ Black Tracer	Yellow/ Black Tracer	Violet/ Black Tracer	Pink/ Black Tracer	Aqua/ Black Tracer
	Black Tracer	Black Tracer	Black Tracer	Black Tracer	Black Tracer	Black Tracer

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**Optical Performance:**

	Wavelength	9/125 μm	50/125 μm	62.5/125 μm	50/125μm( OM3)
Max. Attenuation dB/km	850 / 1300nm	--	≤ 3.2 / ≤ 1.2	≤ 3.2 / ≤ 1.2	≤ 3.2 / ≤ 1.2
	1310 /1550nm	≤ 0.35 / ≤ 0.22	--	--	--
Minimum Bandwidth MHz· km	850 / 1300nm	--	500 / 500	200 / 500	1500 /500@LED
					2000 / 500@Laser

**Ordering Information:**

Part No. 2651x3yyy  
 Description Premium Line fiber optic outdoor cable, unitube, steel armored with glass yarn strength member, PE  
 x, mode 1: MM 62.5/125 2: SM 9/125 3: MM 50/125 4: MM/OM3  
 yyy, fiber count 002 / 004 / 006 / 008 / 012 / 024

**Packing Information:**

1. cable be wound on an iron stand-wooden composite
2. standard drum length is 2000m ±1%
3. covered by plastic buffer sheet
4. sealed by strong wooden battens
5. at least 1.1m of inner end of cable should be reserved for testing
6. test protocol at side of the drum

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