



Description:

The 250um fibers are positioned in a loose tube made of PBT plastic. The tubes are filled with water-resistant thixotropic jelly. A steel wire (4CORES * 13 TUBE Type with PE wrapping) locates in the center of the cable as a strength member. The tubes and fillers are stranded around the strength member appear as a compact and circular core. The water blocking compounds are filled around the cable cores to protect from water ingress, and then the corrugated steel tape is longitudinally applied over outside of the tape. The cable is finished with a black PE sheath.

Features:

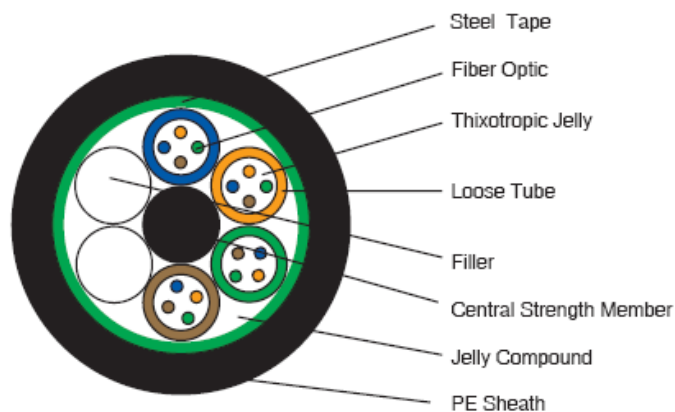
- good mechanical and temperature performance
- good crush resistance and flexibility performance
- compact structure design to prevent loose tube from shrinking
- full rodent protection

Compliances:

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

Applications:

- suitable for outside plant environments, aerial or duct installation



**Cores per Tube Corresponding to Design 2652x3zzz 2013 C06*

Structure & Environmental Characteristics:

Loose Tube	Material	PBT
Strength Member	Material	Steel Wire
	Material	Corrugated Steel Tape
Moisture Barrier	Material	Jelly Compound
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	Outside Diameter (mm)	Cable Weight (kg/km)	Tensile Load		Crush Load (N/100mm)	Bend Radius	
			Short Term	Long Term		Static (mm)	Dynamic (mm)
			(N)	(N)			
8(4*2)	9.0	100	1500	600	1000	10D	20D
24(6*4)	9.0	100	1500	600	1000	10D	20D
48(12*4)	10.0	136	3000	1000	1000	10D	20D
48(4*12)	11.5	150	3000	1000	1000	10D	20D

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

Loose Tube Color Code:

No. of tube	1	2	3	4	5	6
Color of tube	Blue	Orange	Green	Brown	Grey	White
No. of tube	7	8	9	10	11	12
Color of tube	Red	Black	Yellow	Violet	Pink	Aqua

Optical Performance:

	wavelength	9/125 μm	50/125 μm	62.5/125 μm	50/125μm(OM3)
Max. Attenuation (dB/km)	850 / 1300nm	--	≤ 3.2 / ≤ 1.0	≤ 3.2 / ≤ 1.0	≤ 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. 2652x3zzz_2013C06
 Description Fiber optic outdoor cable, multitube, steel armored with central steel wire strength member, PE
 x, mode 1: MM 62.5/125 2: SM 9/125 3: MM 50/125 4: OM3
 zzz, fiber count 008: 4cores*2tube 024: 6cores*4tube
 048: 12cores*4tube 048: 4cores*12tube
(Please specify the cores deployment when release order)

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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