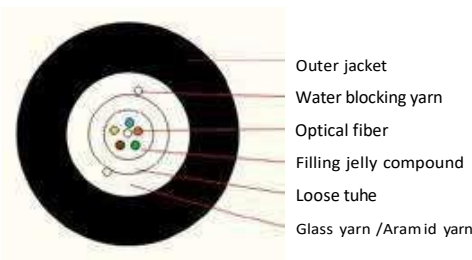


Unitube Unarmored Cable — Indoor / Outdoor



Designed for indoor/outdoor applications to protect the optical fiber from unexpected mechanical and environmental conditions. Qualification and acceptance tests are performed to assure the optical cable's performance and durability in several environments.

Features / Benefits

- Indoor & Outdoor Type, Fiber counts up to 12
- Cable Type — OS2/OM1/OM2/OM3/OM4
- Unitube w/glass yarn or Aramid Yarn strength member, LSOH
- Lightweight
- High tensile strength design
- Dry core design
- Small diameter
- Colored fiber for quick identification
- UV resistance for the outer sheath

Applications

- Building interconnection
- Campus
- Local Area Network

Dimensions of cable constructions

Fiber count	Structure	Fibers per tube	Cable diameter(mm)
4	unitube	4	5.9 ± 0.5
6	unitube	6	5.9 ± 0.5
8	unitube	8	5.9 ± 0.5
12	unitube	12	5.9 ± 0.5

Cable performance

Item	Parameters	
Loose tube	Material	PBT
	Color	White
Strength member	Material	glass yarn / Aramid yarn
Outer jacket	Material	LSOH
		Black
Min. bending radius	Static	10 times cable diameter
	Dynamic	20 times cable diameter
Repeating bending	Load:150N;number of cycles:30 No obvious addition attention, no fiber break and no cable damage.	
Tensile performance	Short term	800N IEC60794-1-2-E1
	Long term	300N IEC60794-1-2-E1
Crush	Short term	1000N/100mm IEC60794-1-2-E3
	Long term	300N/100mm IEC60794-1-2-E3
Torsion	Load 1NON; number of cycles:10; twist angle:+180 No obvious addition attention, no fiber break and no cable damage.	
Impact	Impact energyU450gx 1 m; radius of hammer head:12.Smm; number of impact: 20 No obvious addition attention, no fiber break and no cable damage	
Cable attenuation	0.36dB/km at 1310nm, 0.22dB/km at 1550nm	

ORDERING INFORMATION

NO OF FIBERS	9/125 (OS2)	62.5/125 (OM1)	50/125 (OM2)	50/125 (OM3)	50/125 (OM4)
4	506430043	506330043	506230043	506430043	506530043
6	506430063	506330063	506230063	506430063	506530063
8	506430083	506330083	506230083	506430083	506530083
12	506130123	506330123	506230123	506430123	506530123