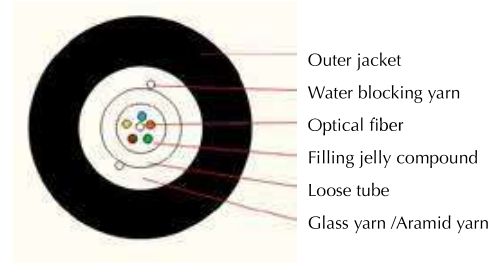


Unitube Unarmored Cable – Indoor / Outdoor



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, PE/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/PE
		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: 150N; number of cycles:10; twist angle:±180 No obvious addition attention, no fiber break and no cable damage.	
Impact	Impact energy:450g×1m; radius of hammer head:12.5mm; 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

Note:506xxxxx-Denotes LSOH Sheath

NO OF FIBERS	9/125 (OS2)	62.5/125 (OM1)	50/125 (OM2)	50/125 (OM3)	50/125 (OM4)
4	505130043	505330043	505230043	505430043	50351048
6	505130063	505330063	505230063	505430063	50351068
8	505130083	505330083	505230083	505430083	50351088
12	505130123	505330123	505230123	505430123	50351128

OPTICAL SYSTEMS