

Fiber Optic Cable



Outdoor Drop Application Optical Fiber Cable

4-12 Cores, 9/125 μm

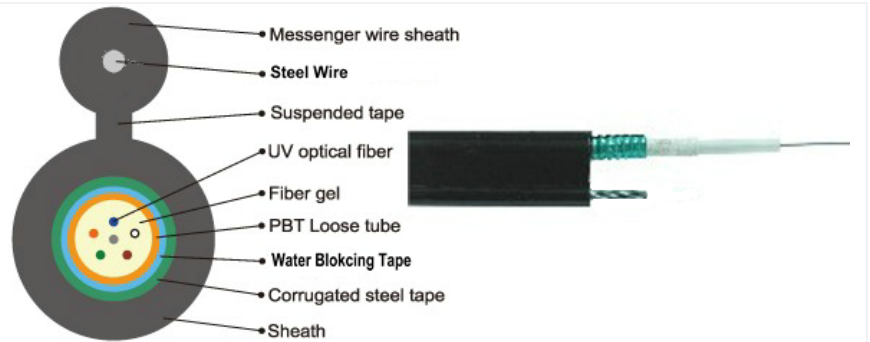
Descriptions

Central single loose tube, jelly compound filled, containing 2~12 optical fibers color code as per color coding scheme, and PE outer sheath with messenger wires combined.

- Loose tube style, figure-8 optical fiber cable Jelly compound, optical fiber cable with steel wire messenger wire.
- Filling compound and water-proof tape.
- 3. Incorporation steel messenger wire suitable for overhead installation as pole to pole or pole to premises.
- 4. High strength, tracking-resistant sheath.

Applications & Features

- Usable for aerial installation
- Long-haul communication systems
- Junction communication systems
- Subscriber network systems
- Local area network systems



Optical Fiber Properties

Fiber Type	Single Mode, 9/125 μm	
Attenuation	< 0.35 dB/km @ 1310 nm	< 0.35 dB/km @ 1383 nm
	< 0.22 dB/km @ 1550 nm	< 0.30 dB/km @ 1625 nm
Cable Cut-off Wavelength	\leq 1260 nm	

Mechanical Properties

Cable Type	Fiber Count	Tube	Filler	Cable Diameter (mm)	Cable Height (mm)	Cable Weight (kg/km)	Tensile Strength Long/Short Term (N)	Crush Resistance Long/Short (N/100mm)	Bending Radius Static/Dynamic (mm)
4-12	4-12	1	0	6.5 \pm 0.5	11 \pm 0.5	70 \pm 5	600/1000	300/1000	10D/20D

Product Code

9/125 μm , SM (Single Mode), Outdoor Figure 8 Cable			
SM9125OI04	Outdoor Figure 8, 4C, SM, 9/125	SM9125OI12	Outdoor Figure 8, 8C, SM, 9/125

Note : Others cores are also available. The product code is based on the same designation.

Cable Marking

PAN-ASIA HIGH QUALITY OPTICAL CABLE SINGLE MODE 9/125 X x^{*1} , FOR GENERAL TELECOMMUNICATION, $year^{*2}$ 0001M

Note : x^{*1} = No. of Core : $year^{*2}$ = Year of Manufacture

Packing

Each single length of cable shall be reeled on **Iron-wooden drum** suitable for long distance shipment. Covered by plastic buffer sheet. Sealed by strong wooden battens