

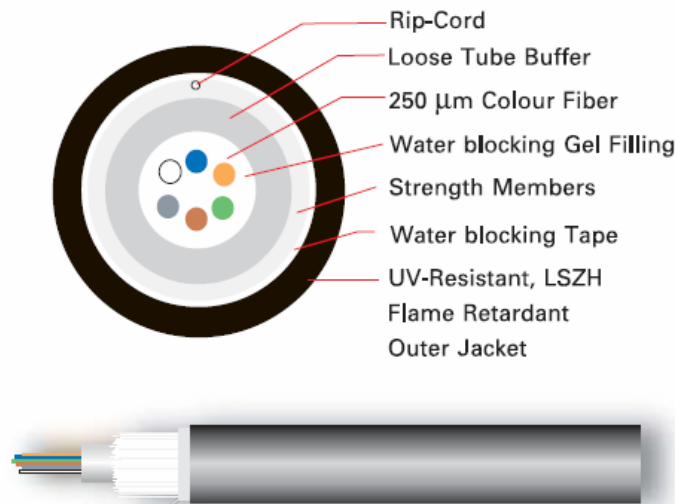
Fiber Optic Cable



Outdoor/Indoor Fiber Optic Cable 4-12 Cores, 9/125 μm

Descriptions

This Outdoor/Indoor Fiber Optic Cable cover the general requirements for fiber optic telecommunication cables used for inter-building backbone, in duct and aerial installation. Outdoor/Indoor installed without limit of outdoor cable enters a building to a length ≤ 50 feet and be terminated in a approved enclosure is not listed as being flame retardant. Outdoor/Indoor fiber optic cable can be used throughout the link, requiring no transitions at the building entryway with its installation cost savings reliability improvement and maintenance advantages. Jacket is Low Smoke Zero Halogens (LSZH). This Outdoor/Indoor cable can be employed both outdoors and indoors for campus backbone and riser backbone.



Applications & Features

- Special Design for used together with Outdoor and Indoor
- Links between buildings in a campus environment
- Metro/Access networks, trunk systems and local area network

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	≤ 1260 nm	

Mechanical Properties

Cable Type	Fiber Count	Tube	Filler	Cable Diameter (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	5.0 \pm 0.2	35 \pm 5	300/1000	100/600	10D/20D

Product Code

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

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

Cable Marking

PAN-ASIA OUTDOOR-INDOOR HIGH QUALITY OPTICAL CABLE SM9125OI 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