

Indoor Fiber Optic Cable – Single Mode

Indoor fiber optic cables are tight buffer design, usually they consist of the following components inside the cable, the FRP which is non-metallic strengthen member, the tight buffer optical fiber, the Kevlar which is used to further strength the cable structure, making it resist high tension, and the cable outer jacket. The trend is to use LSZH or other RoHS compliant PVC materials to make the cable jacket; this will help protect the environment and the health of the end users.

Features

- Material of jacket: Flame retardant polyvinyl chloride (PVC)
- Low smoke zero halogen (LSZH) flame retardant polyolefin
- Thermoplastic polyurethane (TPU)
- Environmental materials and mouse-proof materials are also used where there are environmental or special requirements, or other customized material.

Technical Specification

Parameter	Values	
Fiber Count	6/12/24F	
Attenuation (dB / Km)	At 1310 nm	≤ 0.4 dB/Km
	At 1550 nm	≤ 0.3 dB/Km
Cable Bending Radius	5 x Cable Diameter	
Repeated Bending	20D	
Tensile Force	200 N	
Temperature Range	-20° to +70°C	

Ordering Information

Part Code	Description
3C-SMOS2-TB-ZZ	Indoor Fiber Optic Cable – Single Mode

ZZ-(02-2 core, 06-6 core, 12-12 core, 24-24 core)

