

## Single Mode Indoor Fiber Optic Cable LSZH

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.

### Feature

- Material of jacket: LSZH
- 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		Value
Core Diameter		9.0 ±0.2
Cladding Diameter		125.0 ±1.0
Coating Diameter		245± 7um
Outer jacket Dimension		6.2± 0.2um
Attenuation	@1310nm	0.4 dB/Km
	@1550nm	0.3 dB/Km
Crush Resistance		Short Term 1000 N/100mm
		Long-Term 300N/100mm
Min Bending Radius		20D (Dynamic)
		10D (Static)
Max Tension		Short Term 300N
		Long-Term 150N
Operating Temperature		-20°C to +70°C

### Ordering Information

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

ZZ – Number of cores 6, 12, 24

