

# FIBER OPTIC INDOOR FIBER OPTIC CABLE

INDOOR FIBER OPTIC CABLE ARE OPTICAL CABLES LAID IN BUILDINGS. IT HAS LOW TENSILE STRENGTH AND LIGHT WEIGHT, WHICH IS ECONOMICAL FOR ESTABLISHING COMMUNICATION NETWORK IN BUILDINGS. IT'S MAINLY USED FOR COMMUNICATION INDOORS, COMPUTERS, SWITCHES AND END USER EQUIPMENT IN BUILDINGS.



## BREAKOUT CABLE 12 CORE SM OS2 LSZH

## NS-BO-401BOSM12C

### DESCRIPTION

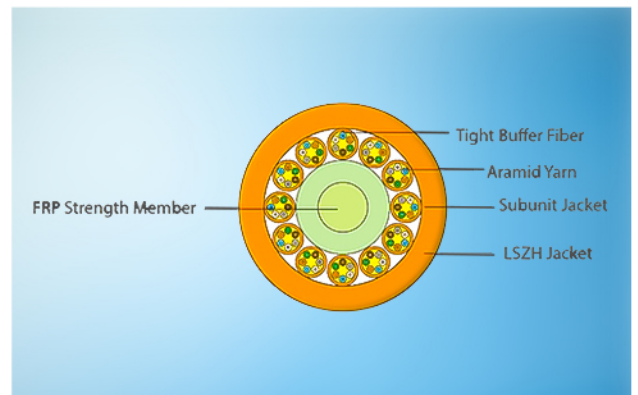
Indoor Fiber Optic Breakout Cable 12 Core , 9/125µm Single mode OS2, G657A, Yellow LSZH Jacket , 1000 Meters in Total Length/ Roll

### FEATURES

- The fanout fiber optic cable can separate out sub-cables according to the requirements at the network demarcation point.
- The fanout fiber optic cable can be easily divided into subcables.
- There's no need for conducting the cutover of the whole cable. Reducing the number of the cable connectors can make the construction more convenient.
- Due to the reduction of the number of the cable connectors, the incidence rate of the fiber optic cable fault decreases and the reliability of the cable line increases.

### RELATED

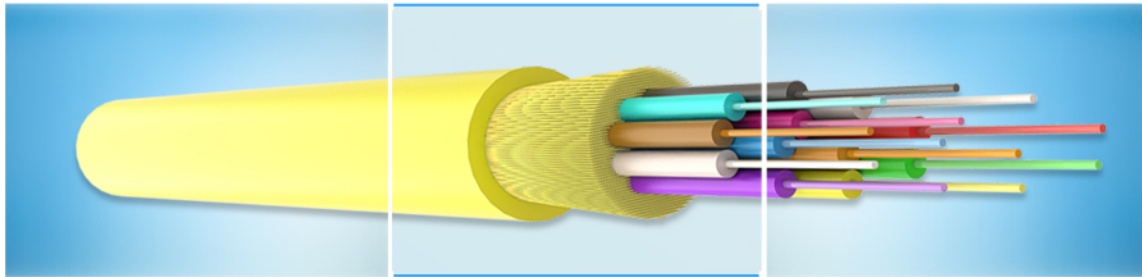
- fiber optic cable, optical fiber cable, networking cable



### APPLICATIONS

- Used for indoor wiring, fiber to the home, fiber to the desktop.
- Used for splitting sub-cables according to the requirement at the network demarcation point.
- The fanout fiber cable can be easily divided into single fiber lines.
- Used for network constructions which include 3G, 4G, 5G, FTTH and CATV.

# TECHNICAL SPECIFICATION



## 1. Optical Characteristics

Fiber Type	SM	OM1	OM2	OM3	OM4	
Jacket Color	Yellow 🟡	Orange 🟠	Orange 🟠	Aqua 🟩	Violet 🟪	
Core Diameter (μm)	9.0 ±0.5	62.5 ±2.5	50 ±2.5	50 ±2.5	50 ±2.5	
Cladding Diameter (μm)	125 ±5.0	125 ±5.0	125 ±5.0	125 ±5.0	125 ±5.0	
Primary Coating Diameter (μm)	245 ±10	245 ±10	245 ±10	245 ±10	245 ±10	
Attenuation (max. in cable) (dB/km)	@ 1310 nm	≤ 0.40	-	-	-	
	@ 1550 nm	≤ 0.30	-	-	-	
	@ 850 nm	-	≤ 3.4	≤ 3.0	≤ 3.0	≤ 3.0
	@ 1300 nm	-	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0
Bandwidth (overfilled)	@ 850 nm	-	200 Mhz*Km	500 Mhz*Km	1500 Mhz*Km	3500 Mhz*Km
	@ 1300 nm	-	500 Mhz*Km	500 Mhz*Km	500 Mhz*Km	500 Mhz*Km
Serial Ethernet (1 Gigabit)	@ 850 nm	-	-	-	1000 Meters	1040 Meters
	@ 1300 nm	-	-	-	600 Meters	600 Meters
Serial Ethernet (10 Gigabit)	@ 850 nm	-	-	-	300 Meters	550 Meters
	@ 1300 nm	-	-	-	300 Meters	300 Meters

## 2. Technical Parameters

Model No.	Fiber count	Cable diameter (mm)	Cable weight (kg/km)	Tension strengthen short/long (N)	Crush resistance short/long (N/100mm)	Bending radius short/long (mm)	Storage temperature
ZCC	2	(3.8±0.4)x(2.0±0.2)	8.7	900±50	100/200	100/200	50/30
ZCC	2	(6.0±0.4)x(2.8±0.2)	14.8	900±50	100/200	100/200	50/30