

## FIBER OPTIC

INDOOR FIBER  
OPTIC CABLE

## NS-BO-40IBOSMI2C

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.

Product Web Page

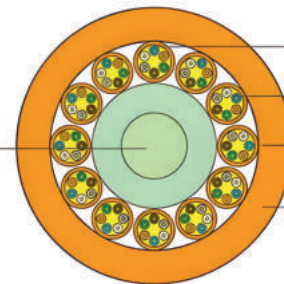


## BREAKOUT CABLE 12 CORE SM OS2 LSZH

## DESCRIPTION

Indoor Fiber Optic Breakout Cable 4 Core,  
9/125µm Single mode OS2, G657A, Yellow LSZH  
Jacket, 1000 Meters in Total Length/ Roll

FRP Strength Member



Tight Buffer Fiber

Aramid Yarn

Subunit Jacket

LSZH Jacket

## 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

## 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.

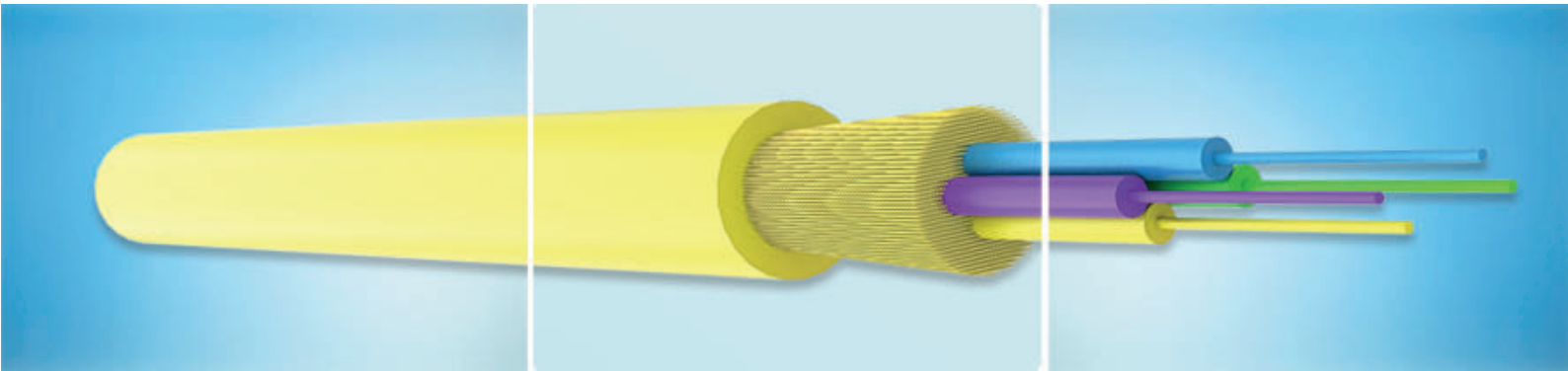
The fanout fiber cable can be easily divided into single fiber lines.

Used for network constructions which include 3G, 4G, 5G, FTTH and CATV

## RELATED

fiber optic cable, optical fiber cable, networking cable

# TECHNICAL SPECIFICATION



| 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<br>(max. in cable)<br>(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<br>(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<br>(1 Gigabit)            | @850 nm   | -        | -          | -          | 1000 Meters | 1040 Meters |
|   | @1300 nm  | -        | -          | -          | 600 Meters  | 600 Meters  |
| Serial Ethernet<br>(10 Gigabit)           | @850 nm   | -        | -          | -          | 300 Meters  | 550 Meters  |
|   | @1300 nm  | -        | -          | -          | 300 Meters  | 300 Meters  |

| 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)(2±0.2)    | 8.7                  | 900 ± 50                            | 100/200                                 | 100/200                          | 50/30               |
| ZCC      | 2           | (6±0.4)(2.8±0.2)    | 14.8                 | 900 ± 50                            | 100/200                                 | 100/200                          | 50/30               |