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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.

PATCH CABLE DX MM OM2 3MM LSZH

NS-PC-402PCOM202C

DESCRIPTION

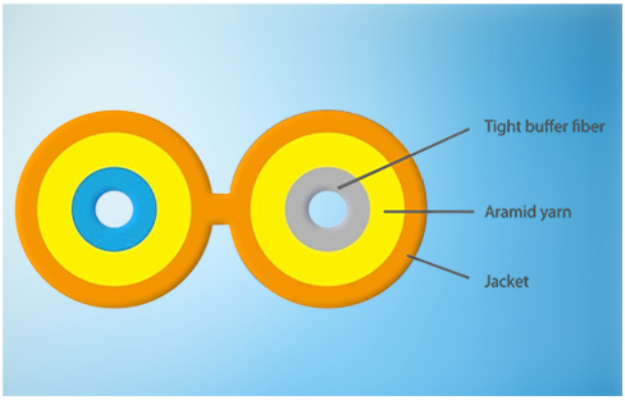
Fiber Optic Patch Cable Duplex Zip Cord, 50/125µm Multi mode OM2, 3mm Orange LSZH Jacket , 1000 Meters in Total Length/ Roll

FEATURES

- Using tight buffered fiber which is convenient for stripping.
- Tight buffered fiber has great flame retardant performance.
- The strength member which is made of aramid makes the fiber optic cable has great tensile performance.
- The figure 8 structure of the sheath is convenient for separating branches for use.
- The outer material has many advantages, such as: corrosion-resistant, waterproof, ultraviolet-proof, environmentally friendly and so on.
- The duplex fiber optic patch cable adopts all dielectric structure so that it will not be interfered by electromagnetic fields.

RELATED

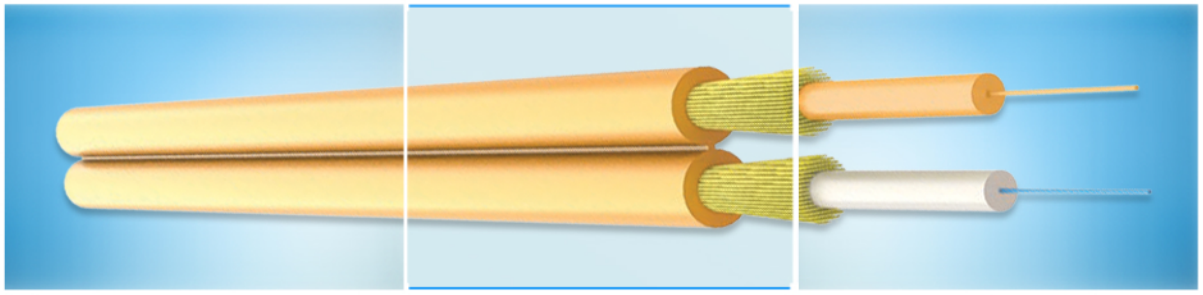
- fiber optic cable, optical fiber cable, networking cable



APPLICATIONS

- Optical fiber communication system.
- Fiber access network.
- Optical fiber data transmission.
- Optical fiber CATV.
- LAN.
- Fiber optic sensor.
- Duplex fiber optic connects patch cords or pigtails.
- Indoor ventilation and wiring.
- Interconnection of instruments and communication devices.

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

Fiber count	Cable diameter (mm)	Cable weight (kg/km)	Tension Strengthen Long/Short term (N)	Crush Resistance Long/Short term (N/100mm)	Bending Radius Dynamic/Static (mm)	Jacket Material
2	7.2±0.5	45	200/660	300/1000	20D/10D	LSZH
4	7.2±0.5	54	200/660	300/1000	20D/10D	LSZH
6	8.3±0.5	75	200/660	300/1000	20D/10D	LSZH
8	9.4±0.5	100	200/660	300/1000	20D/10D	LSZH
10	10.7±0.5	145	200/660	300/1000	20D/10D	LSZH
12	12.2±0.5	170	200/660	300/1000	20D/10D	LSZH
18	12.2±0.5	176	400/1320	300/1000	20D/10D	LSZH