

FTTH-019 Optical Fiber Panel Specification



1.Product features:

- (1).Insertion loss: ≤ 0.3 dB ,Return loss: ≥ 50 dB.
- (2).Tensile strength: > 50 N
- (3).Job stress: 70 kpa to 106 kpa;
- (4).Using the temperature:- 40 ~ + 75 °C
- (5).Relative humidity: $\leq 85\%$ (+ 30 °C).
- (6). Protection grade: IP65
- (7).Provide 2 SC single+2 LC duplex adapter interface, realizing FTTH.
- (8).Internal inventory redundant optical fiber, convenient in operation and maintenance.
- (9).Optical fiber can be welding or cold, the applicable scope is wide,especially suitable for the use of multi-storey and high-rise tenants,easy to install, easy to install.

2. Product structure:

- (1). Provided by the front cover, and the optical fiber optical fiber panel drawing, fixed space and equipment, installation site connector and provide adapter interface and optical fiber connectors protection at the bottom of the box.
- (2). Optical fiber panel with the introduction of cable fixed device and optical fiber fixed, protection device in the first place.
- (3). Optical fiber panel cover and bottom box is made of high quality ABS (flame retardant polycarbonate) plastic material.
- (4). Optical fiber panel adapter socket without jumping fiber insertion should be dustproof device.
- (5). There is a plate and convex platform in the bottom of the box to facilitate the storage of optical cable or redundant optical cable. The design of optical path can meet the requirements of the optical fiber bending radius and the small amount of redundant optical fiber, and provide the safety guarantee for the access to the optical fiber.

3. Appearance and size:

- (1). The appearance of the optical fiber panel should be close to high voltage panels, the appearance of the weak current panel or almost the same, color is white.
- (2). FTTH-019 is type box body size is 100 mm * 83 mm*32mm.
- (3). Optical fiber panel shape is complete, each component surface is smooth, uniform color. Metal component surface coating or coating adhesion strong, plastic parts, no burr, bubble, crack, hollow, warp, impurities such as defects.

4. Product configuration list:

Product Name	Specifications	Quantity	Note
Box	FTTH-019	1 PC	
Optical fiber heat shrinkable casing	Φ1.5×40mm	4 PCS	
Nylon cable tie	3×100mm	4 PCS	
Expansion bolt	M8×40mm	2 EST	
LC duplex cover adapter	Green	2 PCS	
SC duplex cover adapter	Green	2 PCS	
SC/APC Pigtail SX 0.9mm G657A1 PVC White	1M	2 PCS	
LC/APC Pigtail SX 0.9mm G657A1 PVC White	1M	2 PCS	