

Fiber Optic Cabinet



Feature:

1. SMC box body and sheet metal box body and stainless steel box body, modular structure, the introduction of optical cable stripping, scheduling can achieve full frontal operation
2. Integrated fusion fiber storage module can realize the complete storage and parking of tail fiber
3. Can meet the needs of both ribbon and non-ribbon optical cable use
4. The main trunk is separated from the routing at the wiring end, which can realize no crossover fiber hopping, easy wiring adjustment and maintenance
5. Adapting various bad weather condition, with reliable sealing, water-proof and damp proof Available for different type of adaptor such as FC,SC,ST The bottom end is assembled with spare splice tray, for direct fusion and connection of trunk optical cables and distribution cables.

Application:

- 1.FTTX Systems
- 2.PON Networks
- 3.CATV Links
- 4.Optical Signal Distribution

Environment:

1. Working temperature: - 40 °C ~ + 60 °C
2. Relative humidity: 95% or less (+ 40 °C)
3. Atmospheric pressure :70~106Kpa
4. Suitable temperature: - 40 °C ~ + 60 °C
5. Moisture-proof, rainproof, dustproof and burglar proof comply with YD/ t988-1998 standard.

Photoelectric properties:

1. Ground wire section: >6mm².
2. Insertion loss: ≤0.2dB.
3. Connector loss: ≤0.5dB.
4. Return loss: UPC ≥ 50dB, APC ≥ 70dB.
5. Durability life of plug and pull >1000 times.
6. The insulation resistance 2x104MΩ /500V(DC).
7. Electrical strength: it can withstand 3000V(direct current)/1min without breakdown/arc flying phenomenon.

Mechanical properties:

1. Cabinet protection class up to IP65.
2. Retardant properties: GB5169.7 A trial standard.
3. Fiber cable come into from bottom, reliable waterproof.
4. The surface of the box body can bear the pressure greater than the surface of the surface is greater than 1000N.
5. The external side of the door can withstand the vertical pressure greater than 200N.
6. The pigtail core radius of curvature is greater than 30mm.
7. When cable comes into the box, the radius of curvature is greater than 15 times of the cable diameter.

Specification:

Name	External Size (Including bottom)	Max Capacity (Cores)	
	HxWxD	Splice	Straight
Fiber Optical Cross Connecting Cabinet	1470mm x 755mm x 540mm	576	288
	1550mm x 755mm x 320mm	360	180
	1300mm x 570mm x 310mm	144	72
	1300mm x 570mm x 310mm	96	72
	600mm x 400mm x 250mm	48	/