

96/144/288/576 Fiber Cabinet

Product Drawing



Product Description

Fiber Cabinet is an outdoor optical device designed specifically for outdoor fiber optic access networks, which enables the connection, splicing, storage, and distribution of optical fibers. It has two installation methods: floor mounted and overhead mounted. This product offers four different capacity configurations: 96 core, 144 core, 288 core, and 576 core, to meet the needs and scales of fiber optic networks.

Product features

- The box is made of SMC through high-pressure compression molding, with a long service life, anti-aging, radiation resistance, and no need for any protection on the surface. It has all-weather protection function.
- The box is thick and has strong sealing and good insulation effect, which can effectively prevent water vapor condensation, waterproof and dustproof, insect and rodent damage inside the box.
- The box door adopts a special sealed door seal, waterproof door lock, and three-point door lock, making it very safe and reliable with good sealing performance.
- The processing of equipment external cables, termination of tail fibers, jumping and fusion operations are all carried out on the front side, and the installation site is not restricted.
- Reliable cable fixing and grounding protection devices are available, suitable for terminating



single core and ribbon optical cables.

- The sealing protection level of the chassis reaches IP65 level according to GB4208 standard.

Application

Outdoor installation.

For reservation, straight-through, fiber allocation, and scheduling for the node of feed cable and distribution cable.

Technical Specifications

Product Parameters

Project	Technical indicators
Product name	96/144/288/576 Fiber Cabinet
Connector Type	SC, LC, ST, FC
Material	SMC Or Stainless steel
Installation type	Floor-Standing
Fiber Number	96/144/288/576 fibers
Color	Grey
Working temperature	-5℃~+40℃ (indoor), -40℃~+60℃ (outdoor)

Cabinet capacity	Outline dimension(H*W*D)	Splice&storage integrated module tray
96 fiber core	1025x550x310mm	8 pcs
144 fiber core	1200x550x310mm	12 pcs
288 fiber core	1450x750x320mm	24 pcs
576 fiber core	1450x750x620mm	48 pcs