

Fiber Optic Cross Connect Cabinet (3C-ODF-OC48)

Outdoor Cross connection Cabinets is outdoor optical equipment that is especially designed for outdoor optical nodes in access net work.



Descriptions:

- The cabinet has the functions of optical fiber cable splice, distribution, splitter holding, storage and dispatch. It has great performance of resisting the open-air environment and can resist severe climatic changes and serious working environment. The protection grade reaches IP65.
- The cabinet is shaped from high strength glass-fiber polyester (Steel) with excellent performance of mechanical durability, anti-erosion, aging resistance and lightweight.
- Full module type design has the advantages of flexible deployment and convenient installation. It can meet the needs of numerous dilatations.
- It has the advantages of small volume, large capacity of 48 cores.
- High pedestal of the cabinet has the advantage of large space so as to ensure bigger curvature radius when the cable is inlet and facilitate installation, operation and construction. Cable fixing cover type that is applicable to common and ribbon optical cable can be adopted for cable reinforcement if required by user.
- FC / SC / LC type adapters are adopted. The installed adapter has an oblique angle of 40° so as to prevent eyes from direct shining of arc light.
- The frame has excellent earth system.
- Flame-retardant material is adopted for plastic components in the cabinet

Operation conditions:

- Temperatures: -5°C -- 60°C
- Humidity: 90% at 30°C
- Air Pressure: 70kPa – 106kPa

Modules



Integrated Splice & Distribution module



Patch module



PLC Splitter Module



Each 48 core cabinet has 12/24/ 48 module slots for installing any of above type module; this makes the cabinet with flexible functions and offers users to choose what they want inside the cabinet.

Technical Specifications:

- The cabinet has good performance of sealing with a protection level of IP65.
- The cabinet is equipped with theft-proof lock, safety and reliability with good vandal-resistant function. The cabinet has flexible cable inlet and outlet structure and internal connecting structure. All operations are fully done at front.
- Earth mode: the cabinet has two earth systems, one is protection earth by way of connecting the cable reinforcement with ground, and another is cabinet housing earth. The two earth systems are not connected with each other. They are separately connected with the ground of machinery house with their own earth wire.
- It is applicable to ribbon and common cable. The door of the cabinet can be equipped either only at front or both at front and back. There is adequate space for fiber distribution and storage, as well as enough fiber winding trays. Hanging hooks, which are convenient for user to operate.
- The direct splice area is specially equipped in the inside of the cabinet; the cables at two ends are connected in the direct splice area.
- Protection grade: IP65
- Standard working wavelength: 850nm, 1310nm, 1550nm
- Pressurization: there is no breakdown or flashover when pressurization $\geq 3000V$ (DC)/1 min between the metal work piece of the cabinet and earth device.
- Insulation resistance: the insulation resistance between the metal work piece of the cabinet and earth device. $\geq 2 \times 10^9 \Omega / 500V(DC)$
- Each surface of the C can be bear a vertical pressure $> 980N$. The outermost part of the door can be bear a vertical pressure $> 200N$ when the door is open.
- The fixing position of cable can be bear an axial tensile force 1000N, as well as three times of recyclable torsion of $\pm 90^\circ$
- The curvature radius $> 40mm$

Order Information:

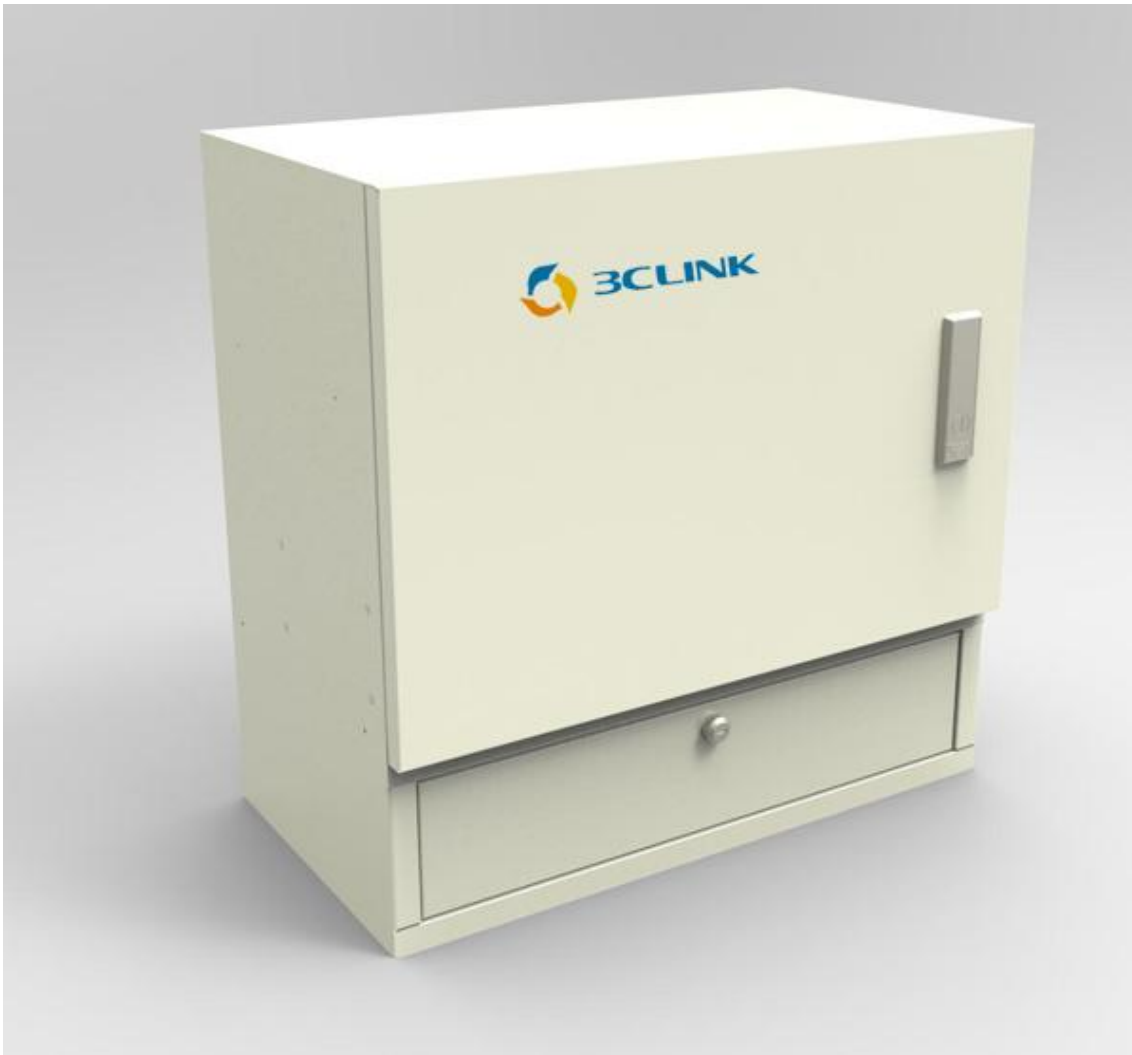
Model	Fiber Quantity	Dimension(cm)	Weight(Kg)
3C-ODF-OC576	576	145*75*61	210
3C-ODF-OC288	288	143*75*30	100
3C-ODF-OC144	144	93*55*31	90
3C-ODF-OC48	48	50*50*27.7	28



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Size:





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