

## 144-288-576 cores Outdoor Fiber Cross Connect Cabinet



Item No	Product Name	Material	Size
TS-CAB144-OUT	144 cores SMC fiber cross connect cabinet	SMC	1050*550*310mm
TS-CAB288-OUT	cores SMC fiber cross connect cabinet	SMC	1450*750*320mm
TS-CAB576-OUT	576 cores SMC fiber cross connect cabinet	SMC	1450*750*550mm

### OVERVIEW :

An **Optical Distribution Frame (ODF)** is a frame used to provide cable interconnections between communication facilities, which can integrate fiber splicing, fiber termination, fiber optic adapters & connectors and cable connections together in a single unit. It can also work as a protective device to protect fiber optic connections from damage. The basic functions of ODFs provided by today's vendors are almost the same. However, they come into different shapes and specifications.

### BASIC INFO :

- Type: Optical Fiber Distribution Box
- Wiring Devices: ODF
- Certification: ISO, RoHS
- Material: SMC
- Color: Grey
- Transport Package: Carton

## PRODUCT DESCRIPTION :

1. optic fiber cross connect cabinet is mainly used for connection, distribution and dispatching of communication optical cables from offices to optical distribution nodes, providing a safe, reliable and flexible optical fiber/cable management system for communication networks in outdoor environment.

2. The current cross-connection cabinets of Rollball are divided into two categories by cabinet materials:

- Outdoor optical cross connection cabinet with SMC case.
- Outdoor optical cross connection cabinet with stainless steel case.

## FEATURES:

1. Good design for inner structure
2. SMC housing is of high protective performance (stainless steel material by thermal compression molding process also is available)
3. The thick and solid body with good heat-isolative performance can effectively protect condensation inside the cabinets.
4. The water-proof door with a 3-point locking mechanism protects the cabinet from dust and moisture and unauthorized entry.
5. Reliable cable fixation, earthing and stripping protection
6. Clear indications of splicing and distribution of each fiber
7. IDC Connection: 30 degree angle between adaptor and the cabinet to ensure fiber bend radius and to prevent laser from hurting eye.
8. Module design: integrated 12-cores splicing and distribution module for FC and SC adapter installation .
9. Optical arrangement for optical cables and optical fibers with fiber storage units.
10. Good waterproof performance.
11. Waterproof IP Grade: IP65
12. Environment Temperature: -40 ~ +60
13. Relative Humidity:  $\leq 95\%$  (+40)
14. Atmospheric Pressure: 70-106kPa
15. life Span: >30years