

# Dome Fiber Optic Splice Closure 144F/288F 1 Inlet-8 Outlet

## DESCRIPTION

ABL-DCH003 Dome Closure is mainly used for optical fiber connection and protection, it is suitable for connecting overhead, pipe and buried straight and branch. The box body and base are sealed with hoops and rubber. The closure casing is made of high-quality engineering plastics, and has good explosion-proof performance against acid and alkali salt, anti-aging, as well as a smooth appearance and reliable mechanical structure. The mechanical structure is reliable and has the ability to withstand the wild environment and intensive climate changes and severe working environment. The splice trays (FOST) inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical fiber to ensure the curvature radius for optical winding 40 mm. Each cable and fiber can be operated individually. The product can be opened again and reused after installation.

## FEATURES

- Heat shrinkable sealing and advanced internal structure
- Engineering PC+ABS plastic with high strength for better reliability and sealing performance
- Enough space for winding and storing fibers
- Good sealing performance after re-entry and re-use
- Save installation time and improve work efficiency

## APPLICATIONS

- Bunchy fibers
- Aerial, buried, underground, vault and building entrance



## SPECIFICATIONS

| Item                          | Parameters              |
|-------------------------------|-------------------------|
| Dimension(mm)                 | 390(H)*280mm(D)         |
| Material                      | PC+ABS                  |
| Weight(Kg)                    | 3.1kg                   |
| Diameter of Cable(mm)         | IN:8-35.5 /OUT: 6-22    |
| No. of Cable Inlet/Outlet     | 1 Inlet-8 Outlet        |
| Number of Fibers per Tray     | 12 (single core)        |
| Max. Number of Trays          | 12                      |
| Max. Number of Fibers         | 144 (single core)       |
| Sealing of Inlet/Outlet ports | Heat shrinkable sealing |
| Sealing of Shells             | Silicon rubber          |
| Working Temperature           | -40°C~80°C              |
| Protection Grade              | IP68                    |

## ORDERING INFORMATION

| Description  | Reference       |
|--|-----------------|
| 144F Fiber splice closure, Dome type ,Heat shrinkable seal ,390(H)*280mm(D),1 inlet 8 outlet | ABL-DCH003-144C |
| 288F Fiber splice closure, Dome type ,Heat shrinkable seal ,390(H)*280mm(D),1 inlet 8 outlet | ABL-DCH003-288C |