

# FORTE

## Closures



# Dome Closures – up to 288 splices –Mechanical.

## Specification:

- Designed based on the FTTH applications
- Dome material can resist corrosion and aging and also provide ultra-violet protection.
- Support single & ribbon fiber optic cables.
- Base-to-dome seals on enclosure are heat-shrinkable for ease of installation;
- Compatible with most cable construction: loose tube, central core, slotted core, modular;
- High stable and reliability performance.
- Be used for underground, manhole, hand hole, pole mount, wall mount and aerial applications.

## Parameter:

- Closure Dimensions : 470mm\*Φ235mm
- Closure body materials: Molded plastic ( high strength plastic alloy)
- Cable ports : 1 in 4 out.
- Main cable diameter: D9~16mm, Distribution cable diameter: D5~11mm
- Closure Capacity: 96 cores for single fiber
- Tray capacity: 24 cores for single fusion
- Number of trays : 4 trays and 6 trays
- Fiber bending radius:  $\geq 37.5$  mm, Supporting single and ribbon fiber
- Standards compliance: ITU-T L13 2003, YD/T 814, I-2004, RoHS 2002/95/EC and 2011/65/EU
- Protection degree: IP68

## Features

- May be used for cut, uncut and taut sheath applications.  
May be used for all fiber optic cable.
- Sheath retention & central strength member fasten system included.
- Closure construction and lightweight plastic provides strength and resistance to chemical and U.V attack
- Installation and reentry with a minimum of tools
- All hardware are included



# Dome Closure accessories

## Mechanical Sealing Kits for Oval Port



- Oval port closing kits M2-22mm
- Up to 2 cables
- Maximum diameter of cables  $\varnothing$  22 mm



## Drop Cable Sealing Kits for Round Port



- Round port closing kit M4-9mm
- Round Port  $\varnothing$  30 mm
- Up to 4 drop cables
- Maximum diameter of cables  $\varnothing$  9 mm



- Round port closing kit M8-6mm
- Round Port  $\varnothing$  30 mm
- Up to 8 drop cables
- Maximum diameter of cables  $\varnothing$  6 mm



## Cable Sealing Kits for Round Port



- Round port closing kit M9-6mm
- Round Port  $\varnothing$  30 mm
- One cable entry
- Maximum diameter of cables  $\varnothing$  6 mm / 8 mm / 9 mm

## In Line Closures –Horizontal type



### Specification:

- Good designed I for fiber joint;
- The main body is made of superior engineering plastic-polycarbonate materials;
- External structural components and fastening components are made of stainless steel
- with good anti-erosion and anti-aging performance;
- The entry and exit points of optical cables are equipped with airtight seals to ensure
- airtight performance;
- Suitable for laying direct and breakout splice of overhead, pipe bulletin, and underground
- pipe also protect the connector;
- With multiplexing and expansion function;

### Parameter:

- Closure Dimensions : 430mm\*190\*140mm
- Closure body materials: Molded plastic ( high strength plastic alloy)
- Cable ports : 2 in 2 out.
- Main cable diameter: D7~18mm; Distribution cable diameter: D5~11mm
- Closure Capacity: 96 cores for single fiber
- Tray capacity: 24 cores for single fusion
- Number of trays : 4trays
- Fiber bending radius:  $\geq 37.5$  mm, Supporting single and ribbon fiber
- Standards compliance: ITU-T L13 2003, YD/T 814, I-2004, RoHS 2002/95/EC and 2011/65/EU;
- Protection degree: IP68

## Un-cut Horizontal closure



### Specification:

- Designed based on the I FTTh applications;
- Fiber cable connection, distribution and drop cable applications;
- Support single & ribbon fiber optic cables;
- 2 main cables entry ports (un-cut loose tube cables are supported);
- 12 cable distribution out ports;
- High stable/scaling performance;
- Be used for underground, manhole, hand hole, pole mount, wall mount and
- aerial applications;

### Parameter:

- Closure Dimensions: 434x196x119mm
- Closure body materials: Molded plastic (high strength plastic alloy)
- Cable ports : 14 ports (2 main cable port and 12 distribution cable port) at one end\_ Additional 8 distribution cable ports on the other end.
- Main cable diameter: D9~16mm; Distribution cable diameter: D5~11mm
- Closure Capacity: 96-cores for single fiber
- Tray capacity: 24-cores for single fusion
- Number of trays: 4 trays
- Fiber bending radius:  $\geq 37.5$  mm, Supporting single and ribbon fiber
- Standards compliance: ITU-T L13 2003, YD/T 814, I-2004, RoHS 2002/95/EC and 2011/65/EU
- Protection degree: IP68

## Fiber Access Terminal Closure (FATC)



Designed to seal without screws. The compact size and flip-over cover bring easy operation as well as complete function. The splice trays are jointed with a hinge at one side, which makes the operation in each tray easier. It is designed to prevent from operation damage.

## Specification

Dimension (mm)	395×245×130
Max. capacity(Single fiber)	288
Weight (kg)	5
Sealing type	Mechanical
Cable ports	1 input cable port for un-cut cable from diameter from 10~17.5mm. 6 output cable ports for cable diameter from 8~17.5mm.
Single splice tray capacity (Single fiber)	24
Splice tray quantity	1~12
Environmental temperature	-40°C~+65°C
Optical performance	No significant additional attenuation
IP	IP68
This equipment	is moisture-proof and earthquake-proof



