



## FOSC-400A8

### Fiber Optic Splice Closure with integrated Organizer System

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#### **1 General**

The FOSC-400A8 can be installed in direct buried, manholes or aerial locations.

The FOSC-400A8 closure system has one oval cable entry port which can handle 2 cables (e.g. looped) cable and 8 small circular ports.

The kit content listed in this installation instruction reflects the standard content. Alternative configurations are possible.

All splice trays can accommodate a maximum of 24 fusion splice protection types such as the TE SMOUV-1120-series. Some types of trays accommodate most common types of mechanical splice protections.



## 2 Kit content

### 2.1 Content FOSC-400A8-XXX-1-NNN



- Dome
- Clamp
- Base with tray
- Loose tube storage sleeve
- Oval outlet seal kit
- Installation instruction
- O-ring
- Desiccant

#### Tray kits

##### FOSC-A-TRAY-XX-1

- Tray for XX splices
- Tray lid
- Tie-wraps
- 4 large/small transportation tubes
- Tray support wedge

#### Sealing kits

##### FOSC-A8-CSEAL-1-NT

- Round port seal including:
  - 1 screw and 1 washer for the strength member attachment

##### FOSC-A-CSEAL-2-NT

- Oval port seal kit

#### Re-entry kit

##### FOSC-A/B-O-RING-SEAL-KIT

- Sealing ring
- Desiccant (silica gel)
- Cleaning tissue

#### Tooling

##### FACC-HEAT-GUN-220V

- Hot air gun CV 198 1 ( 1600 W ) and reflector PR 26
- Min. required hot air temperature : 350°C

#### Accessories

##### FOSC-A/B-POLE-MOUNT

- Mounting kit
- Accessories for pole mounting or wall securing

##### FOSC-A-SHIELD-CON-KIT

Only for the incoming cable in the oval port.

##### FOSC-A/B-VAULT-BAG

- Flame retardant bag to cover closure for vault application

##### FOSC-WORK-STAND

- FOSC holder device.

##### FOSC-A/B-MOBRA

- FOSC holder device

FOSC-A/B-UNI-MOUNT-A      strands

FOSC-A/B-UNI-MOUNT-P      pole

## 2.2 General precautions

- Do not use damaged sleeve nor trim heat-shrinkable sleeve before installation.
- The FOSC-400A8 closure can be installed at temperatures between -1°C and +45°C.
- Generators used should have enough capacity for the hot air gun utilisation.

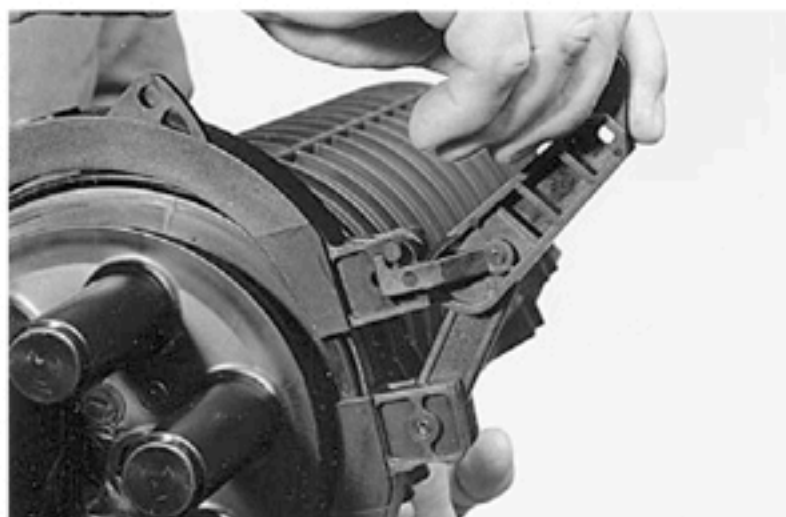
Optical fiber infrastructure network elements may contain end of optical fiber attached to the optical output when the device is operational. Laser radiation can seriously damage your eyesight.

Please follow your local safety guidelines.

Loose tube cable      Window cut 2.4 m      Drop cable 1.2 m

Cable diameter:      oval port 10-25 mm  
round port 5-10 mm

## 3 Cable preparation



- 3.0 Open and remove the clamp. Remove the dome and the O-ring.  
**Remark:** take care with the O-ring and the sealing area ( surface ) on the base and dome ( avoid damaging ) . Clean only with clear water or with the cleaning tissue, if needed.