



OPTICAL SPLICE CLOSURE APPLICABLE IN AERIAL NETWORK - FK-CEO-4T

Description The FK-CEO-4T Optical Splice Closure has the function of accommodating and protecting optical splice by fusion between optical cables.

Applicable in aerial network with a capacity of up to 144 fibers, in trays with capacity of up to 24 fusion splices. Horizontal type and heat-shrink seal system.

The splices can accommodate fusions, splitters and fibers with a minimal curve radius of 30mm. If necessary, guides can allow fiber inversion.

Allowing derivation, termination or bleeding of cables, with 1 oval port with diameters ranging from 10 to 20 mm and up to 4 round derivation ports to distribution of cables with diameters ranging from 8 to 17.5 mm.

Splice Capacity 144

Splice Trays Quantity	Splice Capacity	
	Splice Capacity	Splice Trays Quantity
	24	1
	48	2
	72	3
	96	4
	120	5
	144	6

Application It allows installation in manholes, poles and strands
 It has high resistance to corrosion and aging, besides UV protection.

Standard

- Telcordia GR-771 (Fiber Optic Splice Closures)
- ITU-T L.13 (Performance Requirements for Passive Optical Nodes: Sealed closures for Outdoor Environments)

Advantage

1. Closing and box sealing using O'ring;
2. It allows locking with padlock;
3. Loose tube storage tray included;
4. Accommodation system: separated areas for storing, forwarding, protection and transport of the fibers.
5. Allows use splitter NC/NC and passive WDM NC/NC.

Physical Characteristics	Size	450 (height) x 230 (diameter) mm
	Body material	PP + FG

Weight	4.2 kg
Operation Temperature	-25 to 75 °C
Protection Rating	IP 68

Sealing system type Heat-shrink seal system

Color Black
 (Blue, Green, Gray, Yellow, White or Red) *
 * Supply on request

Input cables capacity	Port	Entrance Quantity	Cable Diameter (mm)
	Oval	2	10 - 20

Derivation cables capacity	Port	Entrance Quantity	Cable Diameter (mm)
	Round	4	8 - 17,5

Supports midspan at the main entrance YES

Included Accessories The basic module is compound by:

- Base, cover and strap closure;
- 1 Splice Tray with capacity for 24 splices;
- 24 Fusion protection sleeves;
- 1 Loose tube storage tray;
- 1 Kit for the main port (heat-shrinkable sleeve, cable separation clip, aluminum sheet and tissues);
- 1 Pressurization valve;
- Installation guide.

Note The Basic Module of the Optical Splice Closure FK-CEO-4T has the accessory needed for assembling and accommodation of up to 24 Fibers. For a bigger capacity, the expansion kits are needed. (see compatibility kits).

Identification 35520391 - FK-CEO-4T-144F (24F) (CEO - BASIC MODULE)

Warranty 12 months

Compatibility

- 35520387- FK-CEO SPLICE TRAY
- 35520028 - FK-CEO-4T HEAT-SHRINK DERIVATION KIT *
- 35520060 - FK-CEO MOUNTING KIT FOR POLE AND WALL
- 35520030 - FK-CEO MOUNTING KIT FOR STEEL WIRE

* 1 Heat-Shrink Derivation Kit for each branching port, according necessity.

[Part Numbers](#)