Optical Closures for Aerial
FSCO-V3 Series

The FSCO-V3 closure is specifically designed for aerial applications, optimized for the construction of FTTH access facilities.
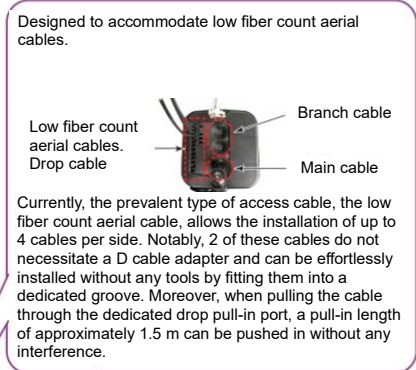
The sleeve fastening mechanism utilizes the latch method, ensuring secure closure. The cable inlet features material that eliminates the need for selecting packing size based on the cable's outer diameter, simplifying reassembly. Additionally, replacement sleeves are readily available for easy renewal.

Features
- Easy opening/closing of the sleeve
- No need for tightening torque control

Application
- Aerial, Outdoor

The sleeve fastening system uses a latch system and requires no tools.

Designed to accommodate low fiber count aerial cables.

Low fiber count aerial cables. Drop cable — Branch cable — Main cable

Currently, the prevalent type of access cable, the low fiber count aerial cable, allows the installation of up to 4 cables per side. Notably, 2 of these cables do not necessitate a D cable adapter and can be effortlessly installed without any tools by fitting them into a dedicated groove. Moreover, when pulling the cable through the dedicated drop pull-in port, a pull-in length of approximately 1.5 m can be pushed in without any interference.

The drop cable support wire is designed to be fixed to the hanging bracket.

- The fusion splice sleeve holder can be strategically positioned to optimize the installation based on the excess length of the fiber.
- Fins have been integrated to prevent the excess fiber length from protruding out of the tray.
- A press sheet is included to minimize the risk of the fiber getting caught when opening and closing the tray.

Add Fins

Physical & Mechanical Characteristics

		FSCO-V3-T5
Applicable Cable Type		SWR/WTC, Loose tube cable
Cable Capacity / Applicable Cable Dia.	Main Cable	1 set (2 pcs) / 8-22 mm
	Branch Cable	4 pcs / 8-17 mm
	Drop Cable	32 pcs / Approx. 2 x 5.3 mm (Figure-8 drop cable (*1)), Approx. 2 x 1.6 mm or 3.1 x 2 mm (Squire type outdoor cable)
Number of Splice Trays		5 trays
Fiber Capacity	Single Fiber	120 fibers (24 fibers / tray)
	12f SWR (*2)	720 fibers (144 fibers / tray)
IP Rating		IPX4 (*3)
Dimension (in approx.)		W 115 x H 115 x L 858 mm
Weight (in approx.)		3 kg
Remarks		Splitter tray and SC Adapter tray are available for optional parts

(*1) Messenger wire is fixed on outside of closure.
(*2) For 200 μm of 12f spider web ribbon fiber
(*3) JIS C 0920