

Optical Closures for Underground FSCO-HHS Series



The cable entry section features a single-sided dome structure, ideal for use in space-constrained hand holes, as well as in manholes, telephone tunnels, and similar environments.

The closure incorporates a buckle mechanism, facilitating effortless assembly and disassembly while accommodating SWR™/WTC™ and loose tube cables.

Furthermore, the cable entry section can accommodate up to eight cables, comprising one set of main cables (two pieces) and six branching cables, ensuring versatile connectivity options.

Features

- Compact, high-density
- Easy opening/closing of the sleeve
- No need for tightening torque control

Application

- Underground, Outdoor
- Handhole, Manhole

The pot-shaped closure design not only minimizes the storage footprint within the handhole but also enhances storage efficiency through the synergistic combination of SWR™&WTC™ technologies.

When paired with ground connection support hardware, this product facilitates easy connectivity even in compact handholes. The HHS closure mounting hardware is utilized to securely attach the ground connection support, ensuring a reliable and robust connection.

HHS Closure Mounting Hardware

Workability Improvement

- The branch boat features a knockout structure, allowing for easy drilling with a single hex wrench when output is not utilized, the need for blocking is eliminated, streamlining the construction process.
- By employing a technique that involves compressing the sheath using pressing plates on both sides, tightening torque control is unnecessary. Each cable insertion port is independently designed, significantly minimizing construction errors such as airtight leakage.

Workability Improvement

Sleeve can be easily tightened with a band buckle, and there is no need to manage the tightening torque like a band bolt screw.

Optional

- Adapter connection type
- Splitter mounted type

Physical & Mechanical Characteristics

		FSCO-HHS/BH8/OA	FSCO-HHS/BH16
Applicable Cable Type		SWR™/WTC™, Loose tube cable	
Cable Capacity / Applicable Cable Dia.	Main Cable	1 set (2 pcs) / 6-24 mm	2 pcs / 6-24 mm
	Branch Cable	6 pcs / 6-19.5 mm	6 pcs / 6-19.5 mm
Number of Splice Trays		8 trays	16 trays
Fiber Capacity	Single Fiber (*1)	96 fibers (12 fibers / tray)	192 fibers (12 fibers / tray)
	12f SWR (*2)	576 fibers (6 SWRs / tray)	1152 fibers (6 SWRs / tray)
IP Rating		IP68 (*3)	
Dimension (in approx.)		W 320 x D 280 x L 210 mm	
Weight (in approx.)		4 kg	
Remarks		Pass through fiber tray mounted	-

(*1) 250 μm, (*2) For 200 μm SWR. (*3) Waterproof 50 kPa x 1 hour



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