TTECH
TELECOMMUNICATION TECHNOLOGY

Fiber Optic Closure
OFC-DCS-O1R3

Description

TTECH OFC-DCS-O1R3 closure allows two cables in and three cables out (with three stand-alone cable entry ports and one oval cable entry port). It accommodates the splicing and branching of the cable which is used in aerial-hanger, wall-mounting or direct buried. OFC-DCS-O1R3 is made from high-quality Polypropylene. The closure and the foundation plate are sealed with Silicon Gum Material which fixes tightly by hoop. And the entry ports are sealed by heat-shrinkable tube. The Closure can be opened and reuse.

Application: Aerial-hanger,
Wall-mounting,
Direct Buried/Underground

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Features

- Allows direct jointing and bifurcated jointing.
- Protect fiber optic splices damaging
- Providing fast and easy no-cost reentry.
- Compatible with most cable types (single fiber or ribbon) and cable constructions (loose tube, central core, slotted core, modular)
- No special training and tools required
- Various Dome Closure size available

Specification

Item	OFC-DCS-O1R3
Dimension (mm)	Φ100×340
Weight (Kg)	1.5
Cable Diameter (mm)	Φ7-Φ18
Cables Entry & Exit	2 & 3
Max Capacity of Cores Per Splice Tray	12 (Single)
Max Capacity of Splice Trays/ Closure	2
Max Capacity of Core	24 (Single)
Sealing Structure of Cable Entry Port	Heat-shrinkable Sealing Structure
Sealing Structure	Silicon Gum Material

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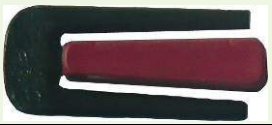
Accessories

Photo	Details	Photo	Details
	**Name:** Fiber Protection Sleeve **Type:** FPS-01 **Qty:**According to the fiber cores		**Name:** Hanging Hook **Type:**Aerial-hanging or Wall-mounting **Qty:** 1 Set
	**Name:** Cables Ties **Type:** 3×100(mm) **Qty:** 4×Splice Tray		**Name:** Heat-shrinkable Tube **Type:** Φ50×150(mm) **Qty:** 1 PCS
	**Name:** Heat-shrinkable Tube **Type:** Φ28×150(mm) **Qty:** 3 PCS		**Name:** Branch Block **Type:** **Qty:** 1 PCS
	**Name:** Marking Note **Type:** Non-dry Glue **Qty:** 4×Fiber Core		

Tools Required

Photo	Details	Photo	Details
	**Name:**Blast Burner or Welding Gun **Qty:** 1 pcs		**Name:** Saw **Type:** **Qty:** 1 pcs
	**Name:** Plier **Qty:** 1 pcs		**Name:** Philip Screwdriver **Qty:** 1 pcs
	**Name:** Scrubber **Qty:** 1 pcs		**Name:** Slotted Screwdriver **Qty:** 1 pcs

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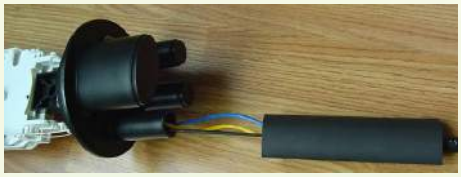
Installation Steps

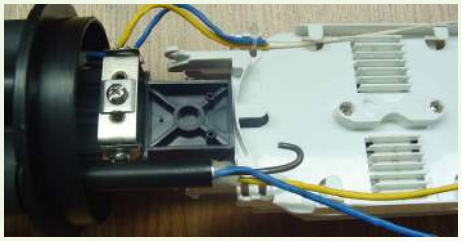
(0) Check product, accessories and tools

(1) Saw the entry ports as need.

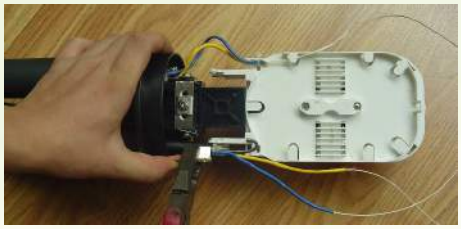


(2)Unclose the cable as the requirement of installation, and put on heat-shrinkable tube.

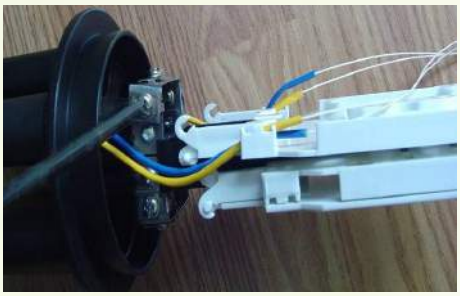
(3)Penetrate the unclosed cable to the bracket through the entry ports.



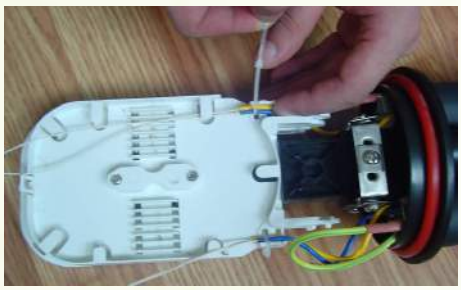
(4) Bend the strengthen wire by nipper to fix it on the bracket.



(5) Seize up the earthing wire on the earthing part of the cable by using nipper.



(6) Fasten the strengthen wire of the cable on the bracket by using Philips screwdriver.



(7) Fix the fibers at the entry part of the splice tray by cables ties.

(8)Put the optic fiber on the splice tray after splicing and take note.

(9)Fix up the cover (dust cap) of the splice tray

(10)Sealing of cable and base: clean the entry ports and cable with 10cm long by scrubber.

(11) Sand the cable and entry ports that need to heat-shrink by abrasive paper. Wipe the dust

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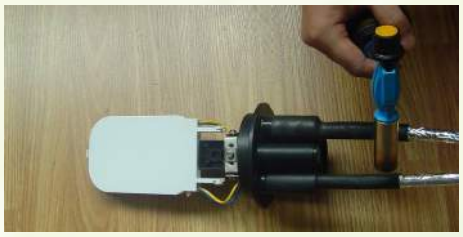
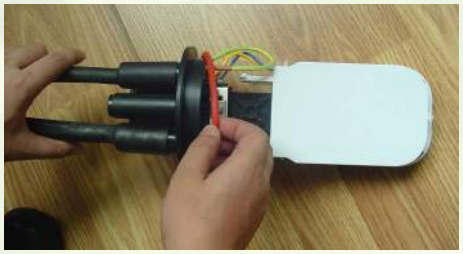
Installation Steps

(12) Bound and even the heat-shrink part with aluminum paper to avoid burn caused by high temperature of blast burner.



(13) Put the heat-shrinkable tube on the entry ports. Heating by blast burner and stop heating after it is tighten. Leave cooling down naturally.

(14)Usage of branch separator: when heating the oval entry port, fold the heat-shrinkable tube to separate the two cables and heat-shrink it follow the steps above.



(15) Sealing: use clean scrubber to clean the base, the part to put silicone rubber ring and silicone rubber ring, then put on the silicone rubber ring.

(16)Put the barrel to the base.

(17) Put on the clamp, tighten the fastener to fix the base and barrel.

(18)When installing, fix the hanging hook as showing. Fix the closure with steel belt by minus screwdriver, and, fix another steel belt on the aerial-hanging pillar.

Transportation and Storage

(1) The package of this product adapts to any transportation ways. Avoid collision, drop, direct shower of rain & snow and insolation.
(2) Keep the product in a draughty and dry store, without corrosive gas in.
(3) Storage Temperature Range： -40℃ ~ +60℃

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