**BROADSTICK**

## IP-68 Fiber Optic Outdoor Closure

**PN: BSOT-FB96**

This IP68 enclosure is used as for aerial, pipe line, wall mounting, direct splice and distribution of optical cables. The closure has a full mechanical sealing with easy reopen. The inner structure is simple and convenient to use.

This Fiber Optic closure is able to hold up to 16-24 subscribers and 96 splicing points as closure. It is used as a splicing closure and a termination point for the feeder cable to connect with FTTx cable.

It integrates fiber splicing, splitting, distribution, storage and cable connection in one solid protection box.

**BROADSTICK**

## Features

| Material | Strengthen Polymer Plastic | Max Adapters | 24 x SC |
|---|---|---|---|
| Size | 385x245x130 mm | Weight | 4.5 kg |
| Max Capacity | 96 Fibers | Color | Black |
| IP Protection | IP-68 | Compliant | RoHS |

- Water-proof design with IP-68 Protection Level.
- Impact test: IK10, Pull Force 100N, full rugged design.
- All stainless metal plate and anti-rusting bolts and nuts.
- Fiber bend radius control more than 40mm.
- Suitable for the fusion splice or mechanical splice.
- 16 ports cable entrance for FTTH cable.
- 4-7mm cable ports suitable for 2x3mm indoor FTTH drop cable and outdoor figure 8 FTTH self-supporting drop cable.

For more information please contact sales@broadstick.com

www.broadstick.com

# BROADSTICK

## 3.Structure

### 3.1 Closure and accessories（Picture 1）



## 3.2  Parts list

### 3.2.1 Main kits

| S/N | Description | Quantity | Note |
|---|---|---|---|
| 1 | Lid | 1 | 337(L)×242(W)×63(H)mm. |
| 2 | Base | 1 | |
| 3 | Sealing ring | 1 | Box sealing |
| 4 | Sealing parts | 16 | Sealing cable ports |
| 5 | Splice tray | 4 | For cable splicing and storage |
| 6 | Splice tray cover | 1 | |
| 7 | Splice tray bandage | 1 | Fixing several splice trays |
| 8 | Fastener bolt | 2 | Fixing lid and cover of closure |
| 9 | Buckle | 4 | Fixing lid and cover of closure |
| 10 | Tight nuts | 16 | Sealing soft cable ports |
| 11 | Tight tool | 1 | Special for tight the nuts |
| 12 | Cable fixing panel | 1 | Fixing un-cut cable |
| 13 | Adaptor installation panel | 4 | An adaptor panel for 6 SC simplex adaptors |
| 14 | Splice tray bracket | 1 | Install 4 splice trays |
| 15 | Top cover stopper | 1 | Limit top cover |
| 16 | Plastic nuts | 2 | Fixing cable |

### 3.2.2 Standard parts

| S/N | Description | Quantity | Note |
|---|---|---|---|
| 17 | Wall mounting kit | 1 | For wall mounting |
| 18 | Expansion anchor bolt | 2 | Parts of the wall mounting kit |
| 19 | Hexagon bolt | 2 | Parts of the wall mounting kit |
| 20 | Nylon tie（3*120mm） | 12 | Fixing cable |

For more information please contact sales@broadstick.com

www.broadstick.com

**Wall mounting**
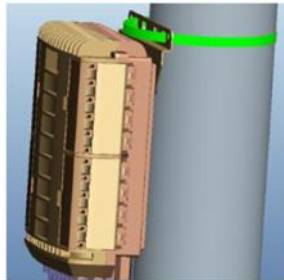
| 21 | Fusion sleeve(Φ1.0*60mm) | According to the fiber cores. | Cable splicing |
|---|---|---|---|
| 22 | 0.2m coil tube | 1 | Protect the fiber |
| 23 | Insulation tape | 1 | Accessorial fixation |
| 24 | 0.5m EVA tube | 1 | Protect fiber |
| 25 | Drier | 1 | |
| 26 | M6 internal hexagonal wrench | 1 | Tool to open the box |
| 27 | 14# grommet | 2 | For cable dia. From 12-17.5mm |
| 28 | 41# grommet | 2 | For cable dia. From 8-12mm |
| 29 | Plastic plug | 4 | Seal the cable port |
| 30 | Iron spanner | 1 | Tool |

## 3.2.3 Optional parts

| S/N | Description | Quantity | Note |
|---|---|---|---|
| 25 | Pole mounting kit | 1 | For pole mounting |
| 26 | Valve | 1 | Testing sealing performance |

## Part Numbers:

| Part Number | Description |
|---|---|
| BSOT-FB96 | IP68 Box Loaded with 6 Mini PLC Splitters 1x8 and 6 Splice trays, each for 12 fusions |
| BSOT-FB96A | IP68 Box Loaded with 2 Mini PLC Splitters 1x8, 2 Splice trays each for 12 fusions and loaded with 16 SC/APC adapters |
| BSOT-FB96B | IP68 Box Loaded with 2 Splitters 1x8, 2 Splice trays each for 12 fusions, loaded with 16 SC/APC adapters and 16 SC/APC pigtails |

For more information please contact sales@broadstick.com

www.broadstick.com