

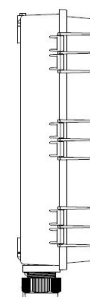
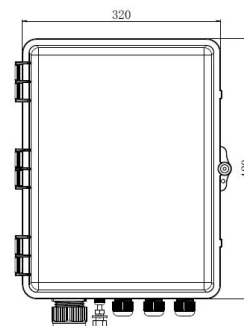
**SBOH-4Z12SL-OS-JH**

Transition Box for splicing up to 24 optical fibers and 8 power connections

This wall mounted transition box is used for terminating hybrid fiber optic and power cables. Optimised for RoF (Radio over Fibre) applications, the unit includes splice trays and electrical power terminals

**FEATURES / BENEFITS**

- Lockable and wall mountable to allow optimum network location
- Splicing capacity for up to 24 optical fibers
- Screw down power terminals for up to 8 connections.
- Bridging clamps permit extended distance or high power connection capability
- Separate grounding terminal provides network design flexibility
- Optimised fiber routing to ensure optimum optical performance, splice protectors included
- Rated to environment protection level IP65, suitable for indoor and outdoor locations



Splice Box, Outdoor, Hybrid trunk into Box, 4 DC pairs, Z no voltage protection, 12 fibre pairs, SM, LC-PC – Only Splicing, JH series

**Technical features****PHYSICAL ATTRIBUTES**

|                                   |                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------|
| <b>Power Connections</b>          | 8 x screw down terminals up to 35A                                                     |
| <b>Grounding</b>                  | Separate screw down terminal                                                           |
| <b>Mounting</b>                   | Wall                                                                                   |
| <b>Cable Glands</b>               | 1 x PG36 for up to 2 cables (13 to 15mm) and 3 x PG21 (for 3 x 11 to 16mm dia. Cables) |
| <b>No. of fibre optic splices</b> | Up to 24                                                                               |

**MECHANICAL SPECIFICATIONS**

|                           |         |                                           |
|---------------------------|---------|-------------------------------------------|
| <b>Material</b>           |         | ABS plastic                               |
| <b>Dimensions (LxWxD)</b> | mm (in) | 420 x 320 x 124.5 (16.53 x 12.59 x 49.01) |

**TESTING AND ENVIRONMENTAL**

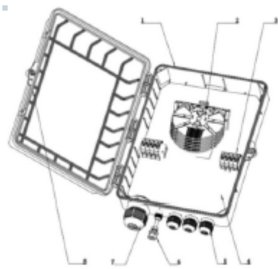
|                              |         |                                    |
|------------------------------|---------|------------------------------------|
| <b>Operation Temperature</b> | °C (°F) | -40 to 85 (-40 to 185 )            |
| <b>Protection Class</b>      |         | Environmental sealing class > IP65 |

[External Document Links](#)[Notes](#)



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| No. | Part Name             | Description                              | PCS |
|-----|-----------------------|------------------------------------------|-----|
| 1   | Distribution BOX body | ABS+PC material with cover and enclosure | 1   |
| 2   | Splice cassette       | Splice cassette                          | 6   |
| 3   | DC terminal connector | DC cables terminals                      | 8   |
| 4   | Metal plate           | Grounding and clamping fit for 2, 3, 6   | 1   |
| 5   | Cable gland PG25      | PG 25 - 16mm OD cables                   | 3   |
| 6   | Cable gland PG7       | Grounding                                | 1   |
| 7   | Cable gland PG25      | PG 25x13 - 17mm OD cables                | 1   |
| 8   | MC Patch assembly     | Terminating box                          | 1   |