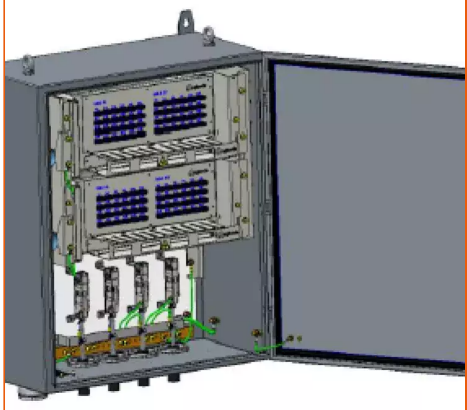
# Optical Transition Box

**OPTICAL TRANSITION BOX - OTB 192**





**Aginode Ref:** 13200853
**EAN:** 3444360279169

- OTB 192-4Cable IAC Optical transition Box
- 316L stainless steel cabinet
- Designed for harsh and marine environments, Sigmadur520 CoatingRAL 7001
- 2 Optical module96OF with combined splicing and patching functions integrated in the cabinet Specific IP66 devices for breakout and submarine cables

The Optical Transition Box allows to connect wind turbines together. Hybrid cables (power and fibre) are used and terminated in this box which is located at the base of the wind turbines. It is designed in 316L stainless steel material due to its installation in Wind Farm. Its protection degrees IP66 and IK10 are compatible for a use in harsh environment. The product allows to connect several breakout cables and submarine hybrid cables. It is equipped with 2 COSH optical module96OF which combines splicing and patching functions (up to 192 LC/UPC adaptors and 192 splices).

The incoming submarine cables are spliced to pigtails, ready for splicing in cassettes, which are connected on the back of the patch panel. Incoming cables can be also spliced directly to the outcoming submarine cable going to another cabinet. Each cable entry for submarine cable is equipped with a BAEP fan-out and clamping device. The box has also cable entries compatible for 12OF breakout cables terminated with LC/UPC adapters which are plugged to the patch panel. The IP66 watertightness is guaranteed thanks to the specific ROXTEC cable glands and seals for breakout or hybrid cables.

Individual grounding for submarine cables are available and linked to the grounding system of the cabinet ensuring a electrical continuity between all components.
The box is secured by 2 key locks and can be mounted easily thanks to its 4 fixing points outside the product.

## STANDARDS

Aginode specification

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

The product is delivered in wood box (NIMP15) and fully equipped with adaptors and pigtails, mounted and tested, ready for termination.

Compliant with ISO 9001, ISO 14001 and OHSAS 18001.

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# Optical Transition Box - OTB 192

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Box type | Splicing and patching |
| Colour | Grey ral 7001 |
| Material | Stainless steel 316L |
| **Dimensional characteristics** | |
| Depth | 300 mm |
| Height | 700 mm |
| Max. number of cassettes | 2 x 5 |
| Maximum number of adaptators | 2 x 96 |
| Splice number | 2 x 120 |
| Weight | 48000 g |
| Width | 600 mm |
| **Mechanical characteristics** | |
| IK Rating | 10 |
| **Usage characteristics** | |
| Adaptor | LC/UPC DUPLEX |
| Field of application | Transition |
| Installation type | Outdoor |
| Midspan | No |
| Minimum Bend Radius - Installed | 30 mm |
| Packaging | Cardboard box |
| RoHS compliant | Yes |
| Watertightness | IP66 |

### Notice OTB 192

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Notice OTB 192
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