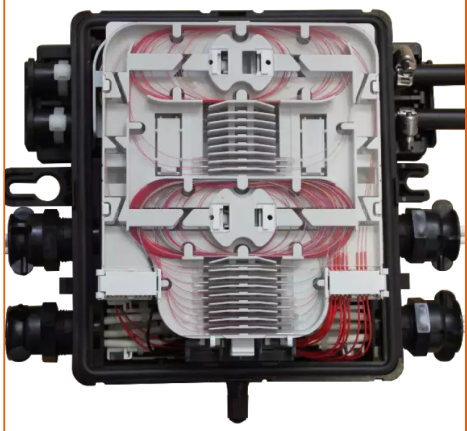
# 机械密封 / BLACKBOX 2L

**BLACKBOX 72OF 带卷绕盘，用于 G657A2 光纤**



## STANDARDS

Aginode specification

**Aginode Ref:** 10225796

配有 2 个 36FO 双托盘和卷绕托盘的黑盒子

在 FFTH 部署中，BLACKBOX 闭合器可用作光分支点。该封隔器专为直通式或对接式中跨安装在配电电缆上而设计--无论是交叉还是终端，它都能确保保护地下工程中的光缆接头。

众所周知，中跨技术和抽取技术可逐步实现光网络和 FTTH 网络的部署。在地下敷设主电缆的同时，还可以在沙井中为接入网络提供光纤连接。由于有 4 个中跨端口，同一抽取电缆可以有 2 个窗口，从而可以在同一封闭空间内同时进行切割和抽取。这些功能节省了安装时间。

主要功能

1/ 保护光纤

- 确保光纤半径
- 保护光纤和接头

2/ （重新）保护电缆

- 重新保护主电缆
- 固定主电缆和分布式电缆

3/ （重新）密封

4/ 经常打开

## 设计

封闭装置由一个主体和一个盖子组成，盖子由 4 个拉锁封闭。主电缆安装在一个可拆卸的板上，然后固定在封闭装置的后部。机械密封采用双橡胶密封圈，并根据主电缆的直径在主电缆上涂抹不同长度的密封胶。分支电缆通过 4 个机械紧固端口从封闭装置中伸出，每个端口可容纳一根或多根电缆（见密封套件表）。阀体上装有一个阀门，可在安装后加压检查水密性。根据使用的光纤类型，该产品有 3 种型号（G657A2 为 72OF，G657A1 为 36OF，G652D 为 24OF）。

## 产品用途

*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.*

| Standard Midspan | Standard Extraction | Double windows extraction |
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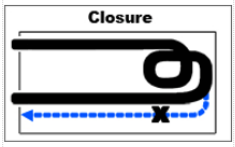
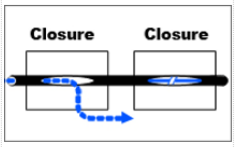
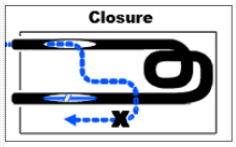
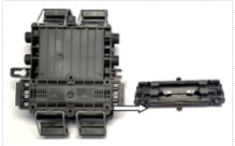
|  |  |  |
| The cable is stripped. The fibers are coiled in the closure. One fiber is selected and spliced | Two windows are made at 2 different places. One fiber is cut at one place and extracted at the other place | The same cable is installed twice in the same closure. Thus 2 windows can be at once, allowing the cut the right fibre in the first window and extract is from the second window. This fibre can then be spliced |

## 3 密封概念

| | | |
|---|---|---|
|  |  |  |
| The main cable is installed onto a plate, which is then fixed at the rear of the closure, normally not removed | The cover, once removed, brings a large access to fibers, as many times as needed | The cables are fixed inside and sealed with 4 glands. Each gland can receive several cables, depending on the diameter |

## 拧紧范围表

| Code SAP | Nb cables | Diameter (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 10242172 | 4 | ■ | ■ | | | | | | | | | | |
| 10260482 | 3 | | ■ | ■ | ■ | | | | | | | | |
| 10242170 | 4 | | ■ | ■ | ■ | | | | | | | | |
| 10242167 | 2 | | | | ■ | ■ | | | | | | | |
| 10242164 | 1 | | | | | ■ | ■ | ■ | ■ | ■ | | | |
| 10242111 | 1 | | | | | | | | | ■ | ■ | ■ | ■ |

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# BLACKBOX 72OF 带卷绕盘，用于 G657A2 光纤

## Characteristics

| | |
|---|---|
| **结构特性** | |
| 颜色 | 黑 |
| 材料 | Thermoplastic |
| **尺寸特性** | |
| 高度 | 80 mm |
| 宽度 | 195 mm |
| 长度 | 202 mm |
| 卡座数量 | 2 |
| 接头数量 | 72 |
| Diameter main cable | 4...15 mm |
| Diameter branch cable | 4...6 mm |
| **机械特性** | |
| IK Rating | 9 |
| **使用特性** | |
| 操作温度，范围 | -40...65 °C |
| 中跨距 | Yes |
| 端口数 | 8 |
| 最小弯曲半径 - 静态 | 7.5 mm |
| 抗UV | 是 |
| 包装 | 箱 |
| 安装类型 | 户外 |
| RoHS compliant | Yes |
| 防水 | IP 68 |

### 文件

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