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AERIAL FTTH DISTRIBUTION NETWORK

AERIAL DISTRIBUTION BOX IP55 144OF

THE ⊕ BENEFITS

- ⊕ Up to 144 welds

- ⊕ 3.4 L volume for installation on aerial supports

- ⊕ Span-Protect: protected are dedicated zone for the storage of passing and pending modules

- ⊕ Quick to set up and guaranteed over time thanks to the E@sy'Secure® anchoring system

- ⊕ Protection index IP55

Ref : CO052
By-pass version

Ref : CO053
Subscribers version

PRESENTATION

The aerial distribution box accomodates the junction between one or more cables of an aerial FTTH distribution network.

It enables the realization of stitching, straight joint and by-pass operations, and therefore can be used as a Building transition box, a splice protection box or an aerial distribution box. It can be installed directly on a pole, or using clamps, either on a facade or a building. It can accomodate up to 144 heat-shrink sleeves protection in a reduced volume of 3,4L to allow installation on aerial supports.

SPAN PROTECT®

All references are equipped with the Span-Protect® system, that allows the separation of the storage of the various pending modules, and protect the passing modules.

45" easy'secure®

All references are also equipped with the E@sy'Secure® anchoring system, which allows cables to be fixed in only 45 seconds, for 4x greater mechanical retention than required in standard NF EN 61300-2-4. The anchoring device is included in the product, and is compatible with a very wide range of diameters.

Finally, its exterior design is similar with the ADB Distri-Protect® range, thus allowing for only one design on all the aerial connectors.

objectif FIBRE | Fibre to the Home Council Europe | ARUFOG Fiber optic expertise since 1986 | ignes | afnor GROUPE | arcep

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THE TECHNICAL AVANTAGES

The Span-Protect system makes it possible to separate the storage of the various pending modules, while protecting the modules in transit

- In straight joint or by-pass use, the pending modules for the incoming cables are stored in a different place from the pending modules for the outgoing cables
- In stitching, the Span-Protect system protects the modules of the cable passing through

The E @ sy'Secure® system ensures optimum grip

- Reduction of cable anchoring time by 10, improvement of anchoring grip by 4
- No additional parts to anchor
- Anchoring a wide range of cable diameters
- Less maintenance, the cables having no more risk of slipping and creating cuts
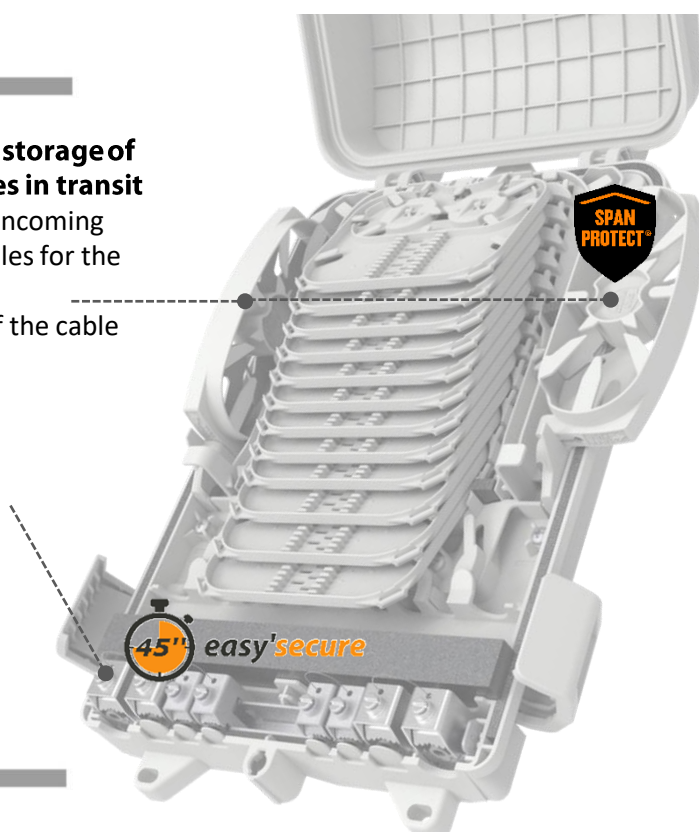
MAIN CHARACTERISTICS

Characteristics	Performances	Standard of reference
Anchoring with the E@sy'Secure® system	Tensile strength : > 80 D for HDPE sheath / 10 D for LSZH sheath *(Example for a HDPE cable ø15 mm, tensile strength> 1200N)* Torsional strength : ± 90°	EN 61300-2-4 EN 61300-2-5
IP – IK	IP55 IK08	EN 60529 EN 61300-2-12
Closing sytem	Triangular screw + 2 siide couplings	-
Material	UV resistant Grey RAL7035	ISO 4892-2 ISO 11664-4
Fixation	By screw or lag screw on frontage (3 screw Ø 6 mm) / By bolt on omega fitting / Strip on pole	-
Compatible fiber type	Monomode G657A2	IEC 60793-2-50
Type of sleeves protection	Compatible with heat-shrink sleeves protection ø2,3 to 2,6 mm and 40 to 60 mm long	-

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AERIAL FTTH DISTRIBUTION NETWORK

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SUBSCRIBERS VERSION
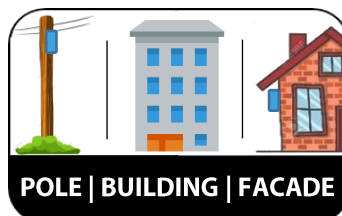
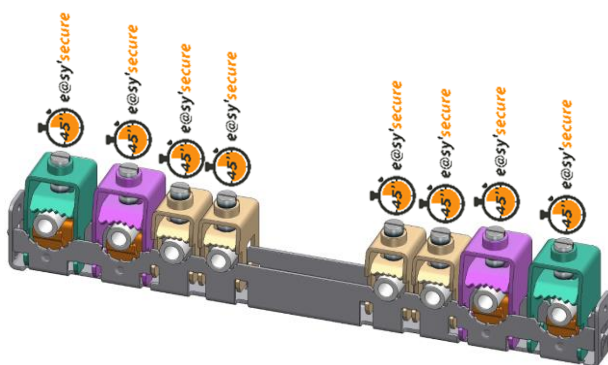**Dimensions 346 x 232 x 77 mm (Vol. 3,4 L)**

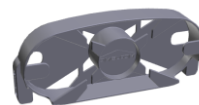**8 inputs / outputs cables**

Capacity up to 144 welds

IP55 | IK08

POLE | BUILDING | FACADE

Anchor bar

🟢 *Cables 6 ≤ Ø ≤ 16 mm*

🟣 *Cables 6 ≤ Ø ≤ 15 mm*

🟤 *Cables 6 ≤ Ø ≤ 11 mm*

Span

For the references CO050 and CO052 2 spans are shipped with the product
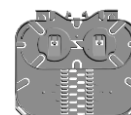
Tray 12OF

DELIVERY INFORMATION

Reference	Products' designation	Packing information	Palettisation
CO050	SLICE PROTECTION BOX IP55 144OF SUB. TO COMPOSE	Box of 8 pcs	Pallet of 128 pcs
CO052	SLICE PROT. BOX IP55 144OF SUB. EQUIPPED *Shipped with 12 trays 12OF + 1 triangular key*	Box of 8 pcs	Pallet of 128 pcs
CO180	TRAY 12 OF G657A2	Box of pcs	-
CO015	SAFETY TRIANGULAR SCREW	Packet of 100 pcs	
AO005	HEAT-SHRINK PROTECTION SLEEVES Ø2,3mm LENGTH 60 mm	Packet of 25, Box of 500 pcs	-
AO006	HEAT-SHRINK PROTECTION SLEEVES Ø2,3mm LENGTH 45 mm	Packet of 100, Box of 500 pcs	-

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AERIAL FTTH DISTRIBUTION NETWORK

AERIAL DISTRIBUTION BOX IP55 144OF

SUBSCRIBERS VERSION

Dimensions 346 x 232 x 77 mm (Vol. 3,4 L)

16 cables for aerial distribution box configuration
8 cables for slice protecion box or
building transition box configuration
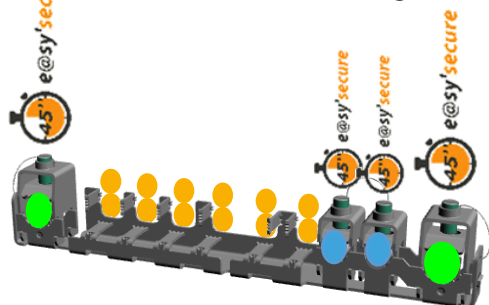
Capacity up to 144 welds

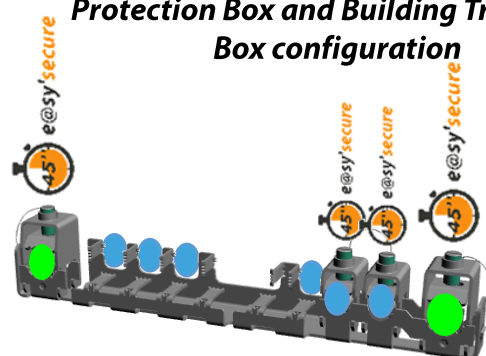**IP55 | IK08**

POLE | BUILDING | FACADE

Use of input / outputs ports in Aerial Distribution Box configuration

Use of input/output ports in Slice Protection Box and Building Transition Box configuration

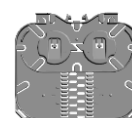● Cables 6 ≤ Ø ≤ 15 mm

● Cables 6 ≤ Ø ≤ 10 mm

● Cables 3,8 ≤ Ø ≤ 6,2 mm

NB : These diagrams present two ways to use the same anchor bar. As such, the bar car also be used to achieve a mix of cables ø 3,8-6,2 mm and cables ø 6-10 mm.

Reference	Products' designation	Packing information	Pallettisation
CO051	SLICE PROTECTION BOX IP55 144OF SUB. TO COMPOSE	Box of 8 pcs	Pallet of 128 pcs
CO053	SLICE PROT. BOX IP55 144OF SUB. EQUIPPED *Shipped with 12 trays 12OF + 1 triangular key*	Bow of 8 pcs	Pallet of 128 pcs
CO180	TRAY 12 OF G657A2	Box of 10 pcs	-
CO179	BIZONAL TRAY 8FO G657A2	Box of 10 pcs	-
CO015	SAFETY TRIANGULAR SCREW	Packet of 100 pcs	
AO005	HEAT-SHRINK PROTECTION SLEEVES Ø2,3mm LENGTH 60 mm	Packet of 25, Box of 500 pcs	-
AO006	HEAT-SHRINK PROTECTION SLEEVES Ø2,3mm LENGTH 45 mm	Packet of 100, Box of 500 pcs	-

Span
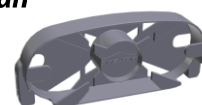
For the references CO051 and CO053, 2 spans are shipped with the products.

Tray 12OF