



Quick and reliable

Benefits at a glance

- Traceable
- Easy installation
- 48 customer connections
- Compact design
- Protection for overlength storage
- Resistant to 12,500 Kg ground pressure



FttX Distribution Closure

RELIABLE

Attema's Distribution Closure has been developed so that it simplifies the logistical planning, for Fiber-to-the-Home network installations, by introducing separation between the civil engineering component and final mounting of the optic fibers at a later point in time. The cable installers store the required overlength of fiber optic cable or duct in the firm plastic housing which offers protection against subsequent excavation work. The buried Distribution Closure complies with Group 2 according to the standard EN124.

SPEED AND PRECISION

The lid is equipped with a detection coil that facilitates quick and precise underground location for any subsequent process step, such as fiber blowing, splicing, digital measuring and future (customer) connections. For these steps, you only need to dig so that the lid is exposed in order to gain access to the overlength of the cables or ducts in the housing.

UNIVERSALLY APPLICABLE

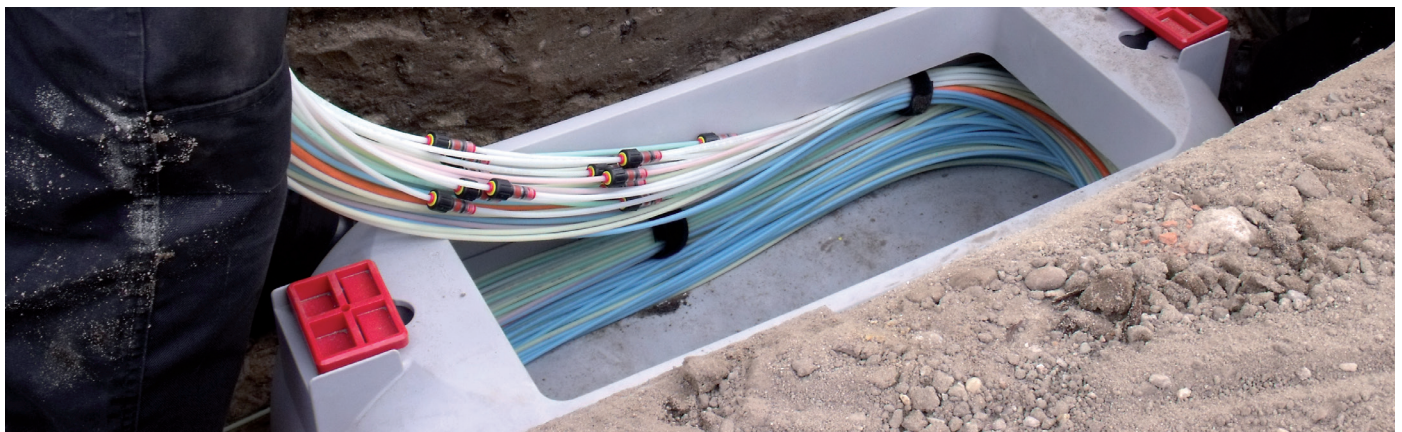
The splice mechanic is able to splice in a protected environment using the stored overlength. The splice mechanic uses a separately available Fibermanagementplate (FMP), which the mechanic assembles underneath the lid. Afterwards, the mechanic puts the overlength back in the housing.

This FM Plate is also available with a window cut so that the Distribution Closure can be used in a cascade system and also provides a solution for FttX situations such as at business parks, for telecom masts and at railway stations. The Distribution Closure in combination with the Fiber Management Plate is protected in seven ways against water damage and is therefore the most reliable solution for all FttX situations. The Distribution Closure is suitable for at most 48 client connections.



TECHNICAL SPECIFICATIONS

Articlenumber:	29030
Article:	Housing FttX Distribution Closure
Material:	Plastic
Dimensions:	90 x 35 x 30 cm Ground coverage 30 cm when cables / ducts at 60 cm depth
Weight:	10 kg
Lid colour:	Black
Housing colour:	Grey
Halogen-free:	Yes
Detection coil:	Telecom 101.4 kHz





Lay fiber optic cables quicker and cheaper with the FiberManagementPlate

STRUCTURED AND PROTECTED

The incoming and outgoing fiber optic cables retain their mechanical strength and watertightness right up to the input frame. From this point the mechanic quickly and easily inserts each stripped drop cable into a separate and flexible watertight input spout with integrated cable retention. Port numbers are indicated on the front and rear of the frame for the correct coding sequence. He places the strength element of the minicable in a pre-installed cable retention. After that, the mechanic will lead the tubes and optic fibers through guideways to the pre-installed splice trays in a structured and protected manner.

TECHNICAL SPECIFICATIONS

Number of
cable ports: 2 feeder cables
(1 in / 1 out) + 48 drop cables
* 1 Window Cut + 48 drop
cables
splice trays: 8

Capacity

12ANT / 4mm: 12 ANT or mini heatshrink
12ANT / 8mm: 12 ANT or mini heatshrink
12HS / 8mm: 12 heatshrink Ø 2.4 x 45 mm

Fiber

bending radius: $R = 30\text{mm}$

Looping

length of fibers: 30 cm

Feeder cable: Ø 6.3 mm up to including
Ø 7.4 mm

(* up to and including Ø 8.3 mm)

COLOUR CODING

The integrated cable retention is specially made to fit the drop cable diameters of a predetermined FttH concept from the relevant system integrator. Colour codings are used for this component for easy recognition. A universal blind stop is supplied for placement in the non-used input spouts. The mechanic mounts the FiberManagement-Plate underneath the extremely firm lid. The O-ring seal and the flexible input spouts provide the splicing compartment a watertight protection against groundwater and a guaranteed IP68 seal against a water column of up to 1 meter.

The mechanic receives a ready-to-use unit through the pre-installation of components in the factory. For even greater convenience, small combs are supplied as a tool for sorting the optic fibers before splicing.

Colour:

FMP 4.0mm - Transparent / yellow
 FMP 5.5mm - Transparent / purple
 FMP 5.9mm - Transparent / orange
 FMP 7.0mm - Transparent / grey
 FMP 8.0mm - Transparent / green



ASSEMBLY INSTRUCTIONS

The instruction manual can be downloaded from the website www.attema.com.

QUICK REFERENCE MATRIX FIBERMANAGEMENTPLATE

	ANT/mini heatshrink 4mm trays	ANT/mini heatshrink 8mm trays	Heatshrink 2.4 x 45mm 8mm trays
 Drop cable Ø 4.0 mm ± Ø 0.1 mm	29034 **		29039
 Drop cable Ø 5.5 mm ± Ø 0.4 mm	29032 29051 *	29037	29047 29061 *
 Drop cable Ø 5.9 mm ± Ø 0.4 mm	29031 29050 *	29036	29046 29060 *
 Drop cable Ø 7.0 mm ± Ø 0.2 mm			29049 29062 *
 Drop cable Ø 8.0 mm ± Ø 0.2 mm	29033	29038	29048

Specific versions on request

* Including Window Cut



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