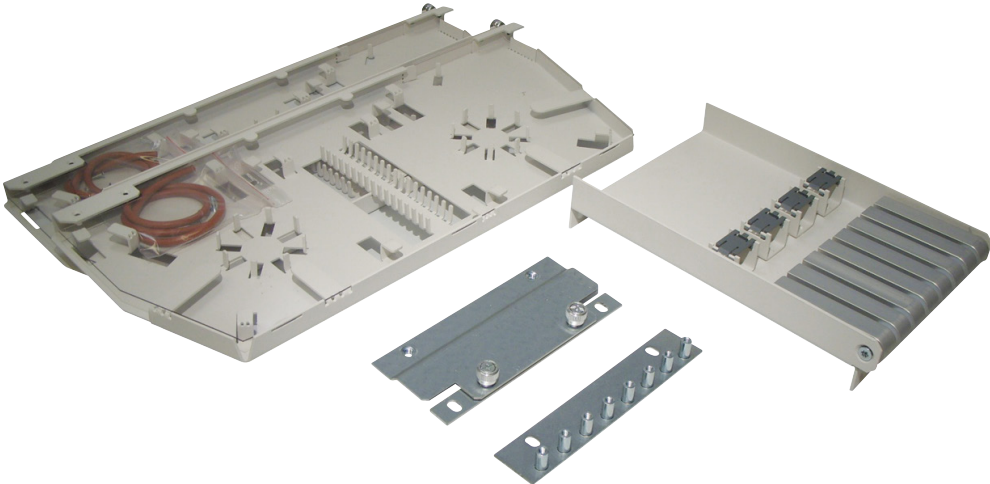


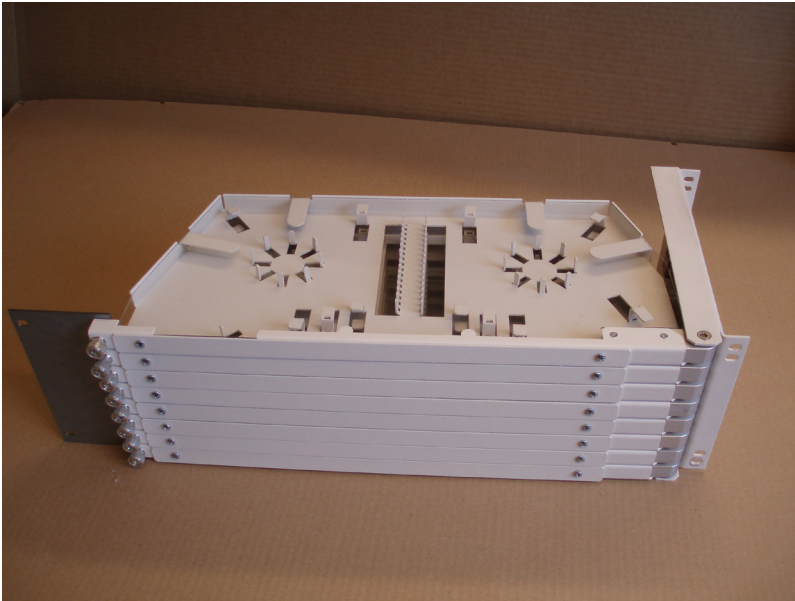
INSTALLATION INSTRUCTION
MO037D

SPLICE MODULE 19"/ETSI



Product description

The splice module consists of a base unit with hinged attachment arms. One splice cassette is attached to each attachment arm.



Complete splice module

In each cassette, 48 fibres can be spliced in single fibre form, or 96 fibres in ribbon form. Each cassette has a plastic cover to protect the spliced fibres. The cassettes are fixed in place on the right of the module using captive screws.

In the case of pigtail splicing (cabling in the cabinet), an extension can be fitted to the front of the cassettes.

Technical data

Height: 150 mm

Width: 19" and ETSI

Capacity:

768 splices in ribbon fibre design 384 splices in single fibre design.

Installation

Preparing the connecting cable

Place the cable in its eventual permanent location. Using a felt-tip pen for example, mark the cable where the sheath will be stripped. Remove the cable from the cabinet and prepare it.

The length of the cable to be prepared is depending on where in the cabinet the cable is fastened, we need at least 1300 mm in the splice module.

Using a felt-tip pen for example, mark the ends of the ribbons/tubes with the correct slot number.

Use the cassettes at the bottom of the splice module, leaving the upper cassettes free for later splicing of the premises network.

Preparing fibers coming from ODFs

Place the first box to be installed.

Use cable ties to attach the fibre-bundle to the mounting plate.

Tighten the cable ties with care, because the fibres are directly below the sheath.

Splicing the connecting cable and cables from ODFs

The splice module consists of hinged cassettes. With all the cassettes open, there is unrestricted access to the tubes along the back of the cabinet.

The cable from the ODF and the tubes from the connecting cable are passed from the mounting plate, turning back towards the splice module with a gentle radius.

The panel behind the splice module is perforated with holes allowing the desired number of plastic clips to be installed. The tube passes through these plastic clips towards the entry point in the splice cassette.

Tubes spliced in the two lower cassettes are fastened using the lower of the four loop ties. Arrange the tubes so they have a gentle bending radius from the cabinet to the loop tie and from there to the splice cassette.

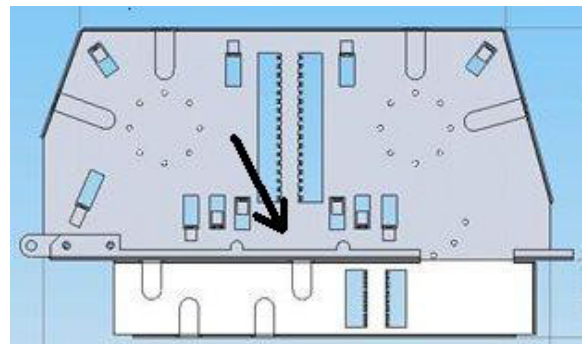
Start by installing the tubes in the lower cassettes. Place the tubes in the grips in the module.

The tube with the shortest fibre length is placed closest to the splice holders so that the fibre is not twisted when it is coiled into the cassette. With the cassette closed in the splice module, the length of the tubes should be as shown in the diagram.

If the sheath of the tubes is too long, carefully make a ring cut using a tube stripper.

The length of the fibre from the end of the tube sheath must be 900/1350 mm at the tube closest to the splice holder, and the length of the fibre at the other tubes must be 1350/1800 mm.

Loop the fibres into the cassette.
Repeat the process with the remaining tubes and cassettes.



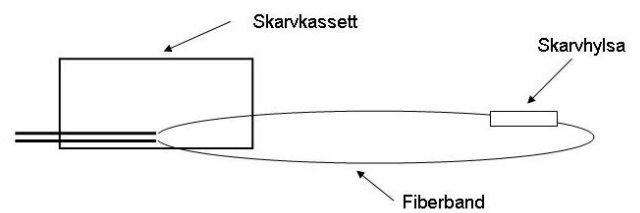
So that no tubes and fibre are left hanging out of the cabinet, it is a good idea to prepare all cassettes before starting to splice.

The fibre in the splice module is long enough to allow splicing with the splice module fitted in the cabinet.

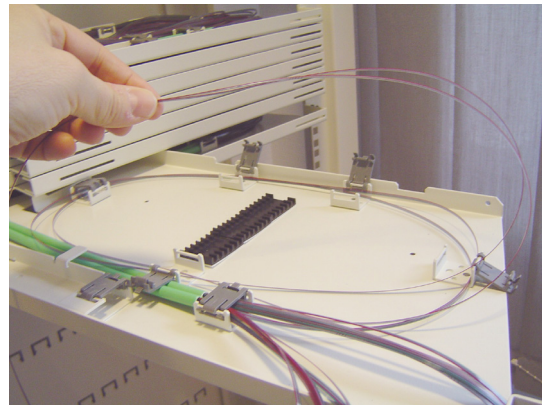
Splicing

Before starting to splice, check that the ribbon is not twisted and that the colour coding faces the same direction.

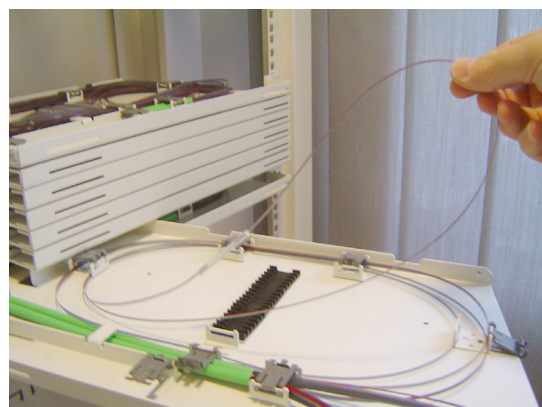
Start splicing if the ribbon has a single long loop and the colours are arranged correctly.



After splicing, once the splice protection has cooled down, loop both ribbons in the same direction in the cassette, avoiding twisting and internal stresses.



With one turn of the loop remaining, place the splice fitting on the splice holder and secure it.



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