

# Meet Me Room

## Front Loaded ODF solution

C40001-C40002-C40003-C40004-C42001-C42002-C42003-C42004-C44001-C44002  
C49001-C49002-C49004



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# INTRODUCTION

This Front Loaded ODF solution has been carefully produced and fully complies with the product specifications set for it. Anyone who is going to work with this product must have the necessary fiberglass competences to guarantee the required level of quality.

Thorough fiberglass training with regard to both theory and practice of fusion splicing and performing OTDR measurements is considered to be a minimum requirement.

**Meet Me Room article numbers:**

## Splice-Patch:

**C49001 MMR FLODF Base Module 19" 1U for splice-patch cassettes**



- C40001 MMR Cass. Splice/Patch 24F SM LC/PC Left**
- C40002 MMR Cass. Splice/Patch 24F SM LC/PC Right**
- C40003 MMR Cass. Splice/Patch 24F SM LC/APC Left**
- C40004 MMR Cass. Splice/Patch 24F SM LC/APC Right**



## Cassette-Open-End:

- C42001 MMR Cass. Open End 24F SM LC/PC Left 15m**
  - C42002 MMR Cass. Open End 24F SM LC/PC Right 15m**
  - C42003 MMR Cass. Open End 24F SM LC/APC Left 15m**
  - C42004 MMR Cass. Open End 24F SM LC/APC Right 15m`**
- C49002 MMR FLODF Patch Panel Tray 19" 1U for cass-open-end**



## Frames:

- C44001 MMR Frame 42U 2050x900x400 Left**
- C44002 MMR Frame 42U 2050x900x400 Right**



## Accessories:

**C49004 MMR Heat Shrink Splice Protector 40mm**



# 1. WORK INSTRUCTION SPLICE-PATCH

The work instruction and pictures are based on a right model (patching to the right). For the left version (patching to the left) everything is mirrored.



Per cassette the accessories are included, consisting of:

- Braided hose, length 50cm;
- Tire wrap;
- Two screws 3x55mm torx 10.

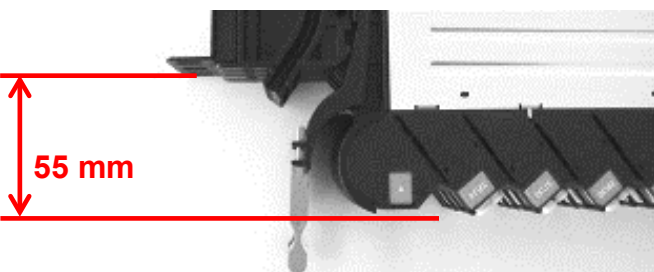
## 1.1 ASSEMBLY AND FINISHING OF THE BASE MODULE (C49001)

The standard mounting depth of the 19" mounting brackets on the Splice-Patch base module is 190 mm.



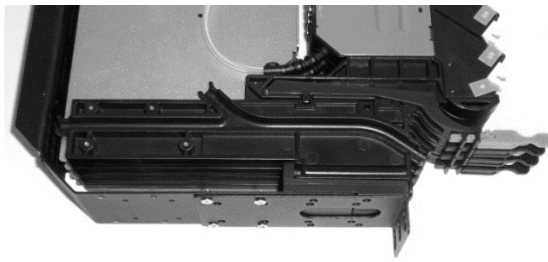
190 mm

The adapters are positioned at 55mm compared to the 19" mounting rail.

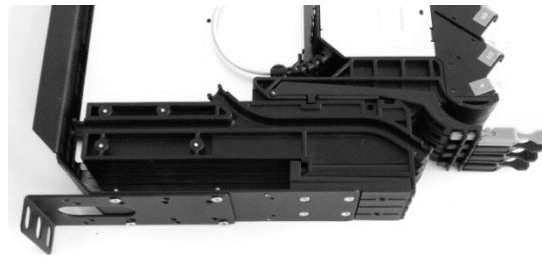


55 mm

As the mounting brackets can be mounted on seven different positions, the distance between the brackets and the rear side of the panel can be adjusted between 190mm and 0mm.



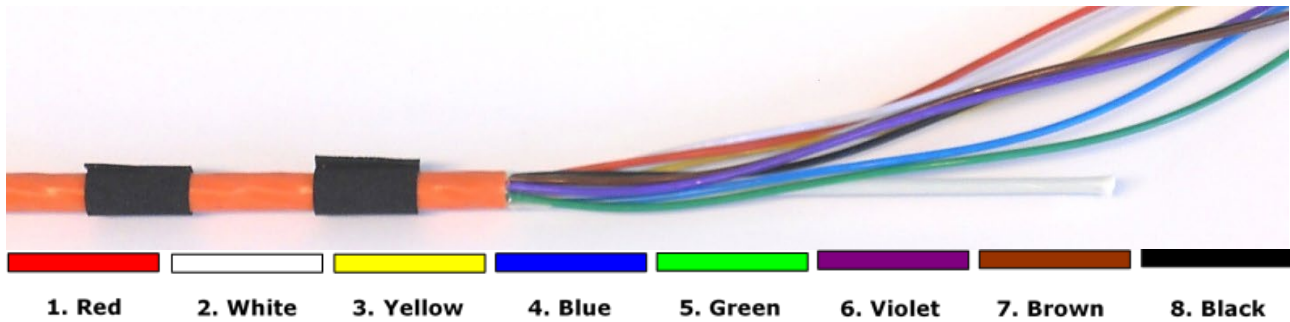
Front of pulling fingers to mounting bracket = ~70mm  
 Backside of panel to mounting plate = ~190mm



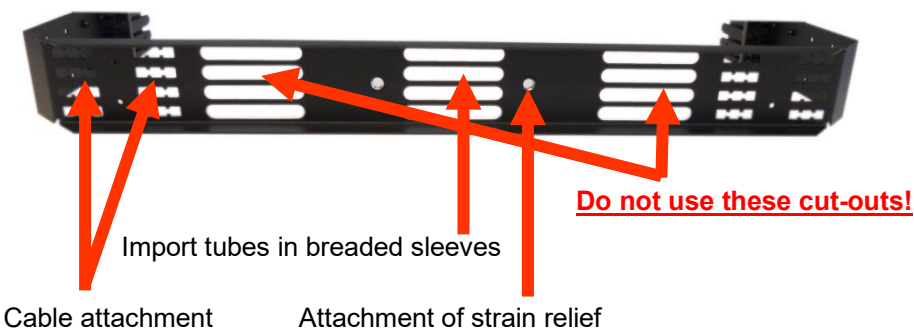
Front of pulling fingers to mounting bracket = ~260mm  
 Backside from panel to mounting plate = ~0mm

## 1.2 STRIPPING & CODING OF THE CABLE

- Strip the outer jacket over a length of at least 250 cm;
- Cut the strength element down to 10cm protruding from the outer jacket;
- Place the pieces of foam tape on the cable as shown in the picture



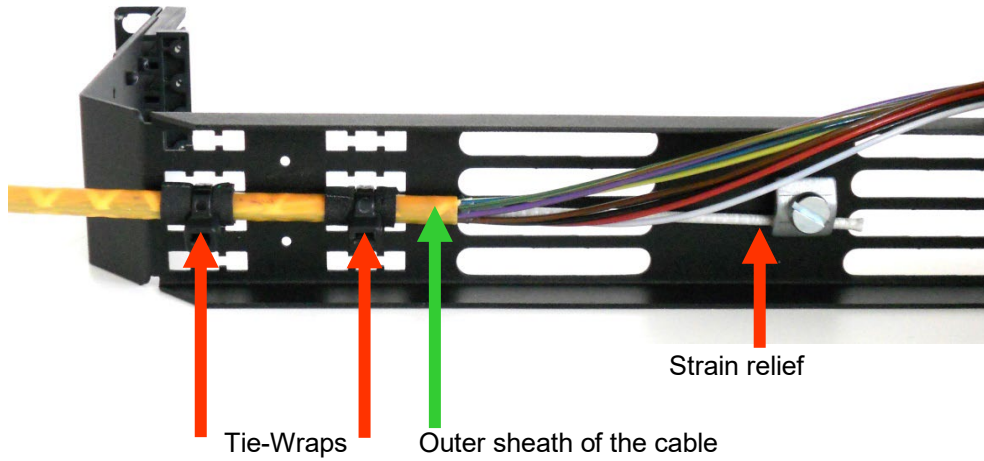
## 1.3 MOUNTING THE CABLE



The symmetrical 19 inch Base Module can be used for left and right mounting.

In the 19 inch Base Module, provisions are made for mounting the cable, such as:

- Cable attachment
- Attachment of the strength element
- Cutouts for the entry of the cable tubes.



- For a good strain relief, wrap two pieces of foam tape around the cable on the positions of the tie-wraps;
- Secure cable with tie-wraps, with outer jacket extending to position as indicated above (green arrow);
- Secure the core element behind the strain relief;

**Types of mini cable:**

1x 96-fiber mini cable: secure the cable in the centre position as on picture above;

2x 48-fiber mini cable: secure the first cable on the top strip, the second cable on the bottom strip (two cables above each other), both core elements held with the same strain relief nut.









For mini cables with more than 96 fibers, 2U frames are available on special request.

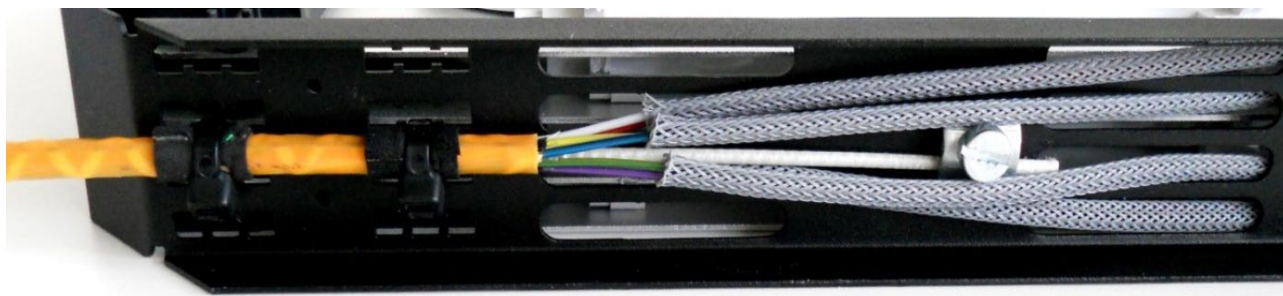
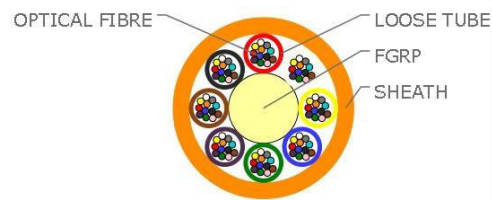
## 1.4 PLACING THE TUBES

The tubes of the 96-fold cable are protected per two tubes with one of the four braided sleeves supplied. (Length 50 cm). One braided sleeve is used per splice drawer.

Place the braided sleeve with the coloured tubes in it in the middle of the three cut outs as made in the drawer:

Number one is the top cut out and so on down (twelve fibers per tube).

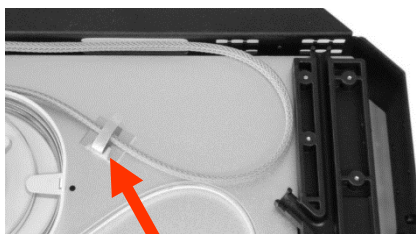
<b>Red and white in a tube 1st cut out</b>	<b>(cassette A)</b>		
<b>Yellow and blue in a tube 2nd cut out</b>	<b>(cassette B)</b>		
<b>Green and violet in a tube 3rd cut out</b>	<b>(cassette C)</b>		
<b>Brown and black in a tube 4th cut out</b>	<b>(cassette D)</b>		



Make sure the supplied braided sleeve is open before you place the tubes. (If the sleeve is closed, you can open it with a screwdriver or something similar).

The length of the braided sleeve is at least 50 cm to ensure a sufficiently large bending radius. (See picture).

The aluminium clip must be left open to allow free movement to hold the braided sleeve in the correct position.



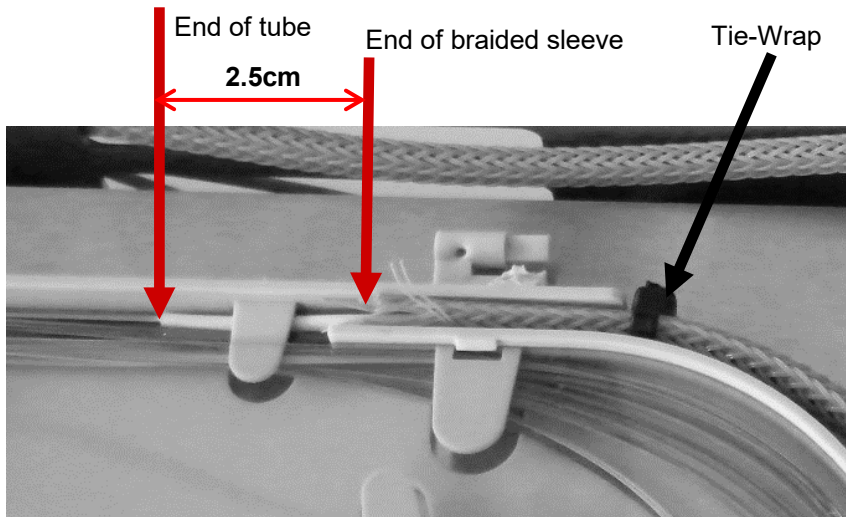
**“don't tighten it”**



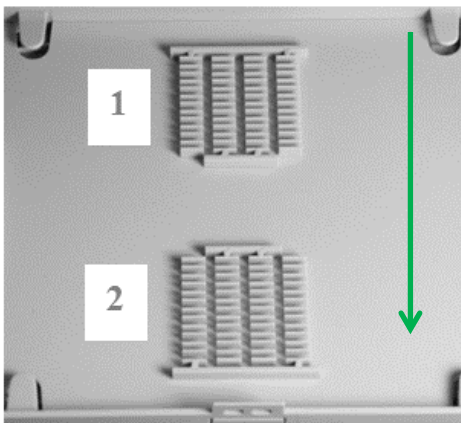
## 1.5 ASSEMBLING THE TUBES IN THE SPLICING CASSETTE (C40001 / 2 / 3 / 4)

The length of the cable tubes with fibers must be left in the splice drawer beyond the first protective clip. See the red marking for this. This is  $\pm 2.5\text{cm}$  from the end of the braided sleeve.

After the correct length of the tubes has been determined, the braided sleeve is secured with the supplied tie-wrap of 80x2mm. This creates a good strain relief (see black arrow). Make sure that the tie-wrap is cut straight and that this cut part is placed on the side of the splice drawer.



## 1.6 SPLICE-PATCH: CABLE ENTRY & STORING THE FIBERS



There are two splice holders for heat shrink splice protectors in the splice drawer:

- splice holder 1 is on the cable entry side of the splice drawer;
- splice holder 2 is located on the adapter side (front side)

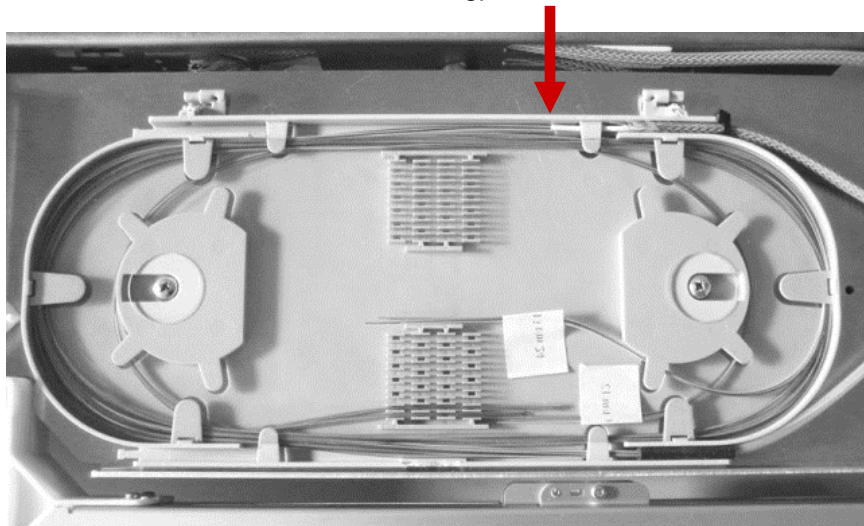
**Splice holder 1 for fibers 1 to 12**

To maintain sufficient length it is necessary to cut the bare fiber at a length of **100 cm** from the marking point. This length is **125 cm** for the fiber tube

**Splice holder 2 for fibers 13 till 24.**

To maintain sufficient length it is necessary to cut the bare fiber at a length of **130 cm** from the marking point. This length is **155 cm** for the fiber tube.

Markingpoint for tubes



1.	Fiber color Blue	13.
2.	Fiber color Orange	14.
3.	Fiber color Green	15.
4.	Fiber color Brown	16.
5.	Fiber color Slate	17.
6.	Fiber color White	18.
7.	Fiber color Red	19.
8.	Fiber color Black	20.
9.	Fiber color Yellow	21.
10.	Fiber color Violet	22.
11.	Fiber color Roze	23.
12.	Fiber color Aqua	24.

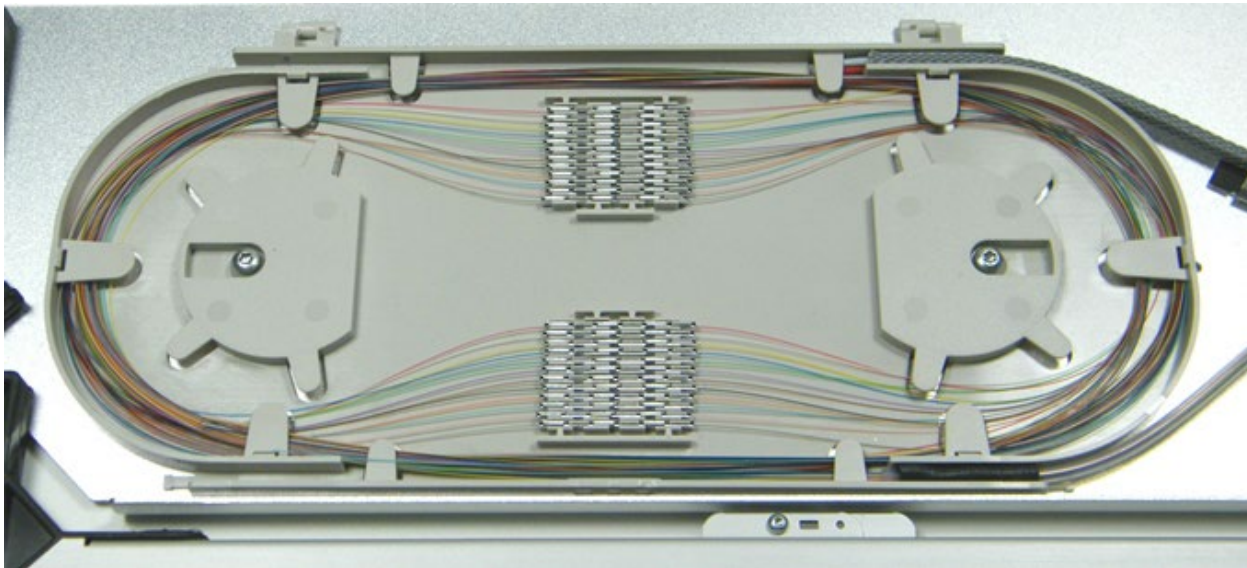




### Use of the Splice Protector:

The fiber overlength of the spliced fibers is stored in the splice trays. This is done with the largest possible bending radius against the outer side of the splice tray.

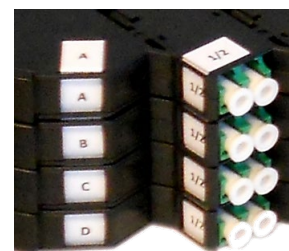
It is not allowed to store the fiber in any other way than indicated in the pictures.



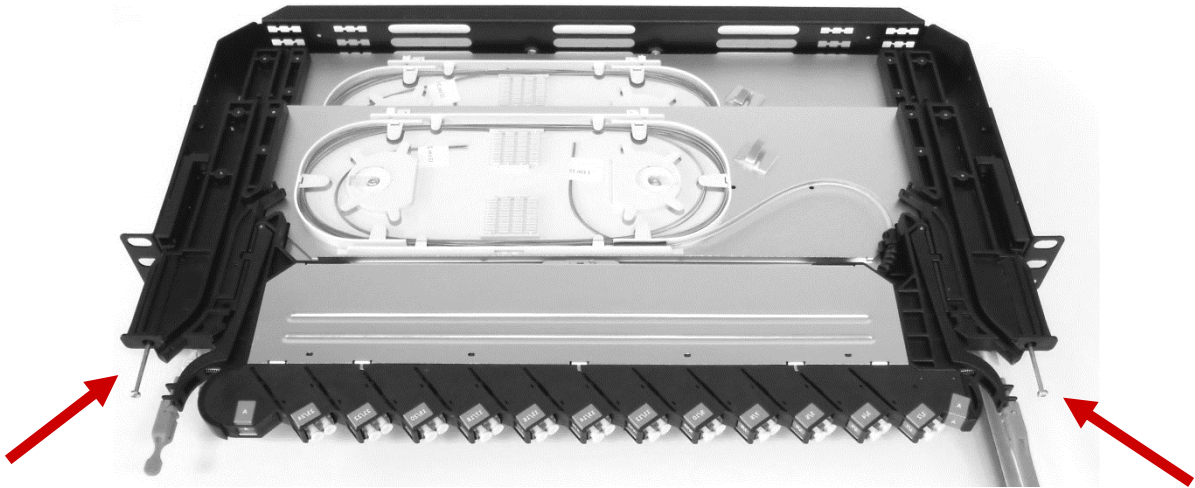
### 1.7 SPLICE-PATCH: ASSEMBLY OF THE CASSETTES

If the fibers in a cassette are spliced, the cassette can be inserted into the 19 Inch Base Module (C49001). The correct order is important here, from bottom to top cassette D-C-B-A.

**Always start with splice drawer D (the bottom one).**



Then insert the two screws 3x55 and secure them with a Torx 10 screwdriver.



### 1.8 SPLICE-PATCH: MOUNTING ACCESSORIES

When all fibers are spliced and the cassettes are mounted in the base module, the complete Splice Patch Drawer can be mounted in the 19 Inch frame. Place the two mounting padding plates on the mounting brackets and screw the Splice Patch Drawer in the correct position in the frame.

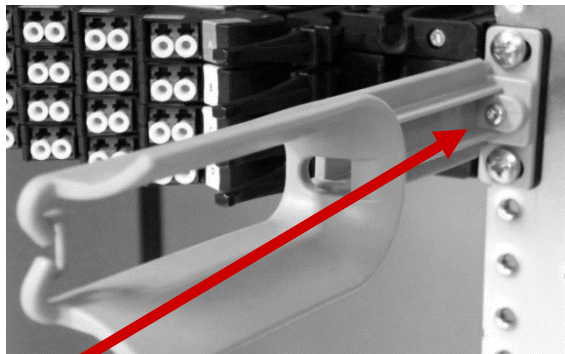
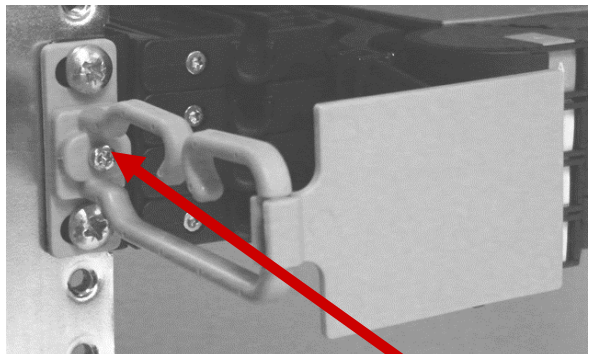


Mounting pad plate



Mounting position for patch cable guide and/or coding plate

If the complete Right Splice Patch Drawer is mounted in the 19 Inch frame, the patch cable guide on the right side and the coding plate on the left side can be mounted by securing them with the supplied screws 3.0x8 Torx 10. For a left hand product this is exactly the other way around.



Position of the fixing screws

## 2. WORK INSTRUCTION PATCH VERSION

### 2.1 PATCH: INSTALLATION OF THE PATCH PANEL TRAY (C49002)

The Patch Panel Tray is the set of brackets used to mount the Meet Me Room patch cassettes into a 19" ODF frame.



First start with the installation of those brackets:

- Put the mounting pad plates on the front side of the brackets (the "Patch Panel Tray")
- Use the cage nuts to mount the brackets on the right height in the ODF frame.

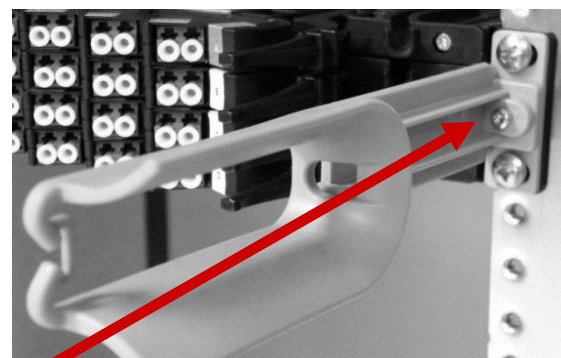
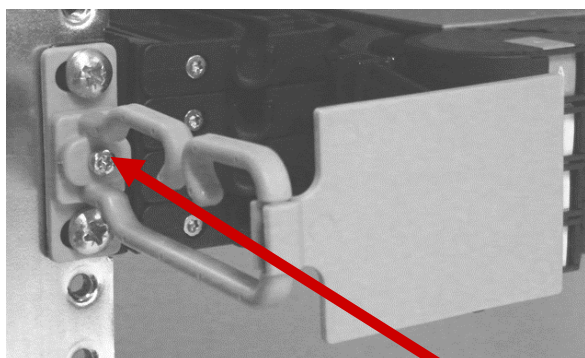


Mounting pad plate



Mounting position for patch cable guide and/or coding plate

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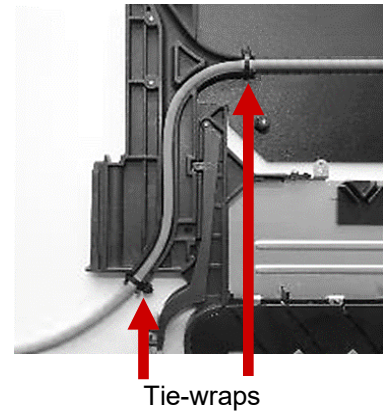
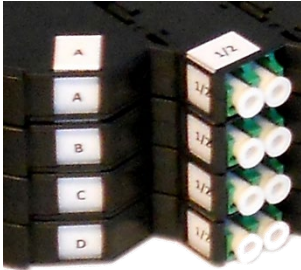


Position of the fixing screws

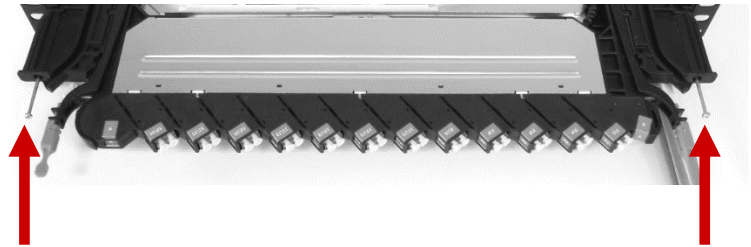
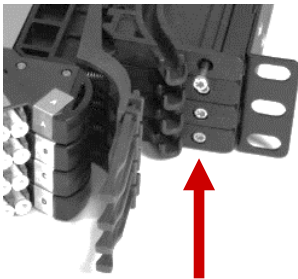


## 2.2 PATCH: INSTALLATION OF THE CASSETTE (C42001 / 2 / 3/ 4)

- Route the trunk cable over the back plate through the guiding to the front;
- Secure the cable with the two supplied tie-wraps;
- Slide the cassette in the mounted patch panel tray from the front on the right position depending if it should be position A, B, C or D seen from top to bottom:



- Then insert the two screws 3x55 and secure them with a Torx 10 screwdriver.

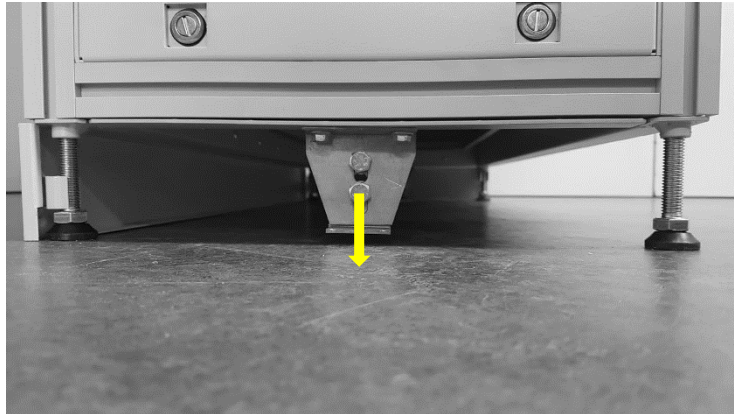


### 3. FRAME INSTRUCTIONS

The Meet Me Room frame is delivered fully pre-assembled. When installing it, the only thing to take into account is that the adjustable feet are set in such a way that the frame is positioned stably.

Place the Meet Me Room frame in the correct position in the room. Adjust according to the feet by slightly turning them in or out with a wrench. For equal weight distribution as well as stability, it is important that all four feet are stable on the ground.

Next, the center bolts of the floor lock can be loosened slightly so that the lock touches the ground. Then retighten the bolts and lock the cabinet to the floor with a suitable bolt (not included).



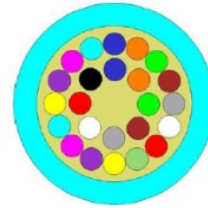
Afterwards, the styles can be clicked over feet. Start with the two side posts and then click the front post onto the frame.



## 4. COLOR CODING INSTRUCTIONS

All Meet Me Room products are standard following the TIA fiber color coding. Fiber 13-24 are using the same color coding as fiber 01-12, but with an extra white ring so they can be recognized.

1 - Blue
2 - Orange
3 - Green
4 - Brown
5 - Slate
6 - White
7 - Red
8 - Black
9 - Yellow
10 - Violet
11 - Rose
12 - Aqua



### For splicing:

- It is important that the position of the cable is secured. Therefore:
  - Use the glass yarn as strength element in the splice bay;
  - Always secure the cable with tie-wraps or nut.
- The fibers are equipped with a primary coating of 250 micron. For splicing it is important the 250 micron coating is removed with appropriate tools.
- It is important to have enough overlength (normally 1.5-2.0 meters) in the splice tray for appropriate routing of the fibers.

Further, please follow the instructions belonging to the products used for splicing the cable.

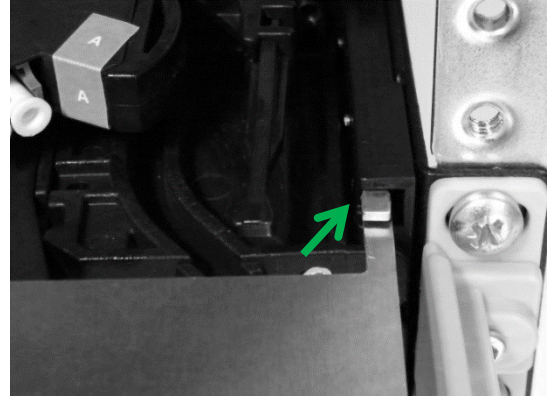


## 5. SERVICE TRAY (available in ETO)

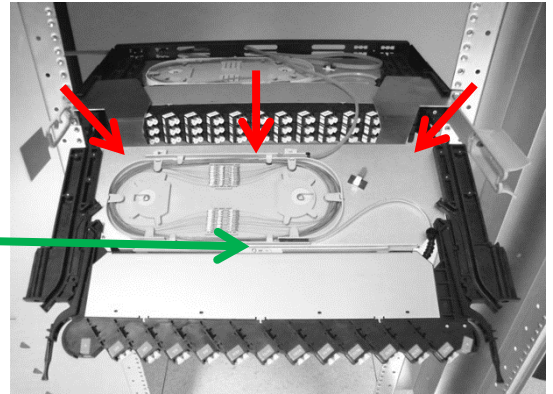
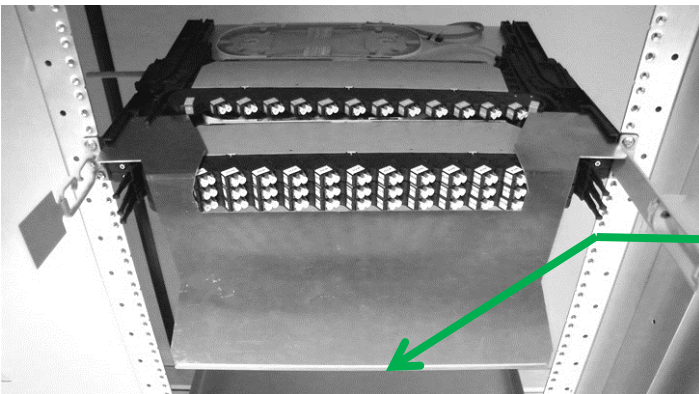
To perform maintenance or repair on a cassette, one should use the so-called service tray. For more information regarding the service tray please contact the Legrand organization.

Use a Torx 10 screwdriver to remove the two screws 3x55mm from the cassette. Then carefully pull out the cassette as a whole. When doing this, pay attention to the length of the incoming tube at the back.

Place the service tray in the place of the vacant cassette (see green arrows).



Slide the service tray with the lips all the way in, then place the cassette on the service tray. Make sure the raised edge of the service tray is between the cassette and the splice tray (see green arrows). Then place the so-called bulldog clamp on the service tray plate so that it cannot tilt (red arrows).



## 6. SAFETY INSTRUCTIONS

Avant toute intervention, couper le courant. Respecter strictement les conditions d'installation et d'utilisation.	(FR) (BE) (CA) (LU) (CH)
Onderbreek voor enige ingreep de stroom. Neem de installatie- en gebruiksvoorwaarden nauwgezet in acht.	(NL) (BE)
Make sure the power supply is disconnected before any intervention. Strictly comply with instructions for installation and use.	(GB) (CA) (IN) (IE) (US) (AU) (NZ)
Vor jeglichem Eingriff die Spannungsfreiheit sicherstellen. Einbau- und Gebrauchsanleitungen sind genau zu beachten.	(DE) (AT) (LI) (LU) (CH)
Antes de cualquier intervención, cortar la corriente. Respetar estrictamente las condiciones de instalación y de utilización.	(ES) (CL) (CO) (CR) (MX) (PE) (US) (VE)
Prima di qualsiasi intervento, interrompere l'alimentazione. Rispettare scrupolosamente le condizioni d'installazione e uso.	(IT) (CH)
Antes de qualquer intervenção, cortar a corrente. Respeitar estritamente as condições de instalação e utilização.	(PT) (BR)
Πριν από οποιαδήποτε επέμβαση, κόψτε το ρεύμα. Τηρήστε αυστηρά τις συνθήκες εγκατάστασης και χρήσης.	(GR) (CY)
Przed każdą operacją na urządzeniu, odłączyć dopływ prądu. Ścisłe przestrzegać instrukcji dotyczących instalacji i użytkowania.	(PL)
Herhangi bir müdahaleden önce, akımı kesiniz. Yerleştirme ve kullanım koşullarına titizlikle riayet ediniz.	(TR) (CY)
Minden beavatkozás előtt szakítsa meg az áramellátást. Tartsa be pontosan a beszerelési és használati feltételeket.	(HU)
Ennen huoltoa, katkaise virta. Noudata asennus- ja käyttöohjeita tarkoin.	(FI)
Innan allt ingrepp, stäng av strömförsörjningen. Iaktta noggrant installations- och användningsföreskrifterna.	(SE)
Před jakýmkoliv zásahem vypněte proud. Důsledně dodržujte instalační a uživatelské podmínky.	(CZ)
Pred akýmkoľvek zásahom odpojte napájanie. Prísne dodržiavajte podmienky, za ktorých sa má prístroj inštalovať a používať.	(SK)
Pred vsakim posegom izključite električno napajanje. Natančno upoštevajte pogoje za montažo in uporabo.	(SI)
Inden der foretages et hvilket som helst indgreb, skal strømmen afbrydes. Installations- og anvendelsesbetingelserne skal overholdes nøje.	(DK)
L-ewwel u qabel kollox, itfi l-kurrent tad-dawl mill-mejn. Imxi skond l-istruzzjonijiet mogħtija għall-istallazzjoni u l-użu.	(MT)
Enne mistahes (hooldus) tööd eemaldage vooluvõrgust. Pidage täpselt kinni paigaldus-ja kasutamistingimustest.	(EE)
Pārtraukt strāvas padevi pirms izjaukšanas. Stingri ievērot uzstādīšanas un lietošanas noteikumus.	(LV)
Prieš atlikdami bet kokius veiksmus, išjunkite prietaisą iš elektros tinklo. Griežtai laikykitės instaliavimo ir naudojimo sąlygų.	(LT)
Bryt strømtilførselen før ethvert inngrep. Installasjons- og bruksbetingelsene må nøye overholdes.	(NO)
Loka barf fyrir straum áður en átt er við tækið. Fylgja skal vandlega öllum reglum um uppsetningu og notkun.	(IS)
Întrerupeți curentul înaintea oricărei intervenții. Respectați cu strictețe condițiile de instalare și de utilizare.	(RO)
Преди каквото и да е работа по продукта, да се изключи от електрическото захранване. Задължително е да се спазват условията за инсталиране и употреба.	(BG)
Pre bilo kakve intervencije, uverite se da je napajanje isključeno. Strogo poštuajte uputstva za instaliranje i upotrebu.	(RS)

Prije bilo kakve intervencije, isključite struju.  
Strogo se pridržavajte uvjeta ugradnje i korištenja.

(HR)

Отключить питание перед проведением любых ремонтных работ.  
Строго соблюдайте требования к условиям монтажа и эксплуатации.

(RU)

Відімкнути живлення перед проведенням будь-яких ремонтних робіт.  
Суворо дотримуйтеся вимог до умов монтажу та експлуатації.

(UA)

Қандай да бір операцияларды орындаудан бұрын электр қуатын сөндіріңіз.  
Орнату және пайдалану жағдайларын қатаң орындаңыз.

(KZ)

اقطع التيار الكهربائي، قبل أي تدخل.  
تقيّد تقيداً تاماً بشروط التركيب والاستخدام .