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Meet Me Room
Front Loaded ODF solution

Cat. No(s): C40001-C40002-C40003-C40004-C42001
C42002-C42003-C42004-C44001-C44002-C49001
C49002-C49004

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2. Introduction

An ever-increasing number of data centers are being used, and at ever higher bandwidths, to meet the growing demand for computing capacity. And whether it's a regional data center, a colocation data center or a hyperscale, access to the outside world - and therefore fiber connectivity - is vital for this.

The Legrand LCS3 Meet-me Room portfolio offers a fully scalable solution that seamlessly responds to both the high fiber numbers used in this type of environment and the high quality and reliability that comes with it.

3. Benefits

Accessibility: Each cassette can slide independently 40mm to the front in order to facilitate easy adds, moves and changes in critical high-density environments.

Standards: Products are selected and tested to exceed standards' specifications.

Components: The LCS3 Meet-me Room fiber components ensure high quality at all times.

On demand: With the LCS3 Meet-me Room concept, you can create the exact installation you need: there are solutions for every configuration and need. Please consult us!

Installation: Positioning of the 19" brackets is adjustable so the LCS3 Meet-me Room solution can be mounted in different ways, depending on the installation type (on wall, uprights…)
All components can be assembled and disassembled in a simple and quick way thanks to adjustable uprights, stubs that can be positioned according to your needs…

4. Specifications

4.1. Front Loaded Splice-Patch Solution

The main application for the Front Loaded Splice-Patch solution is the finishing of incoming trunk cables in the Meet Me Room environment and is capable of handling most types of mini- and micro cables.
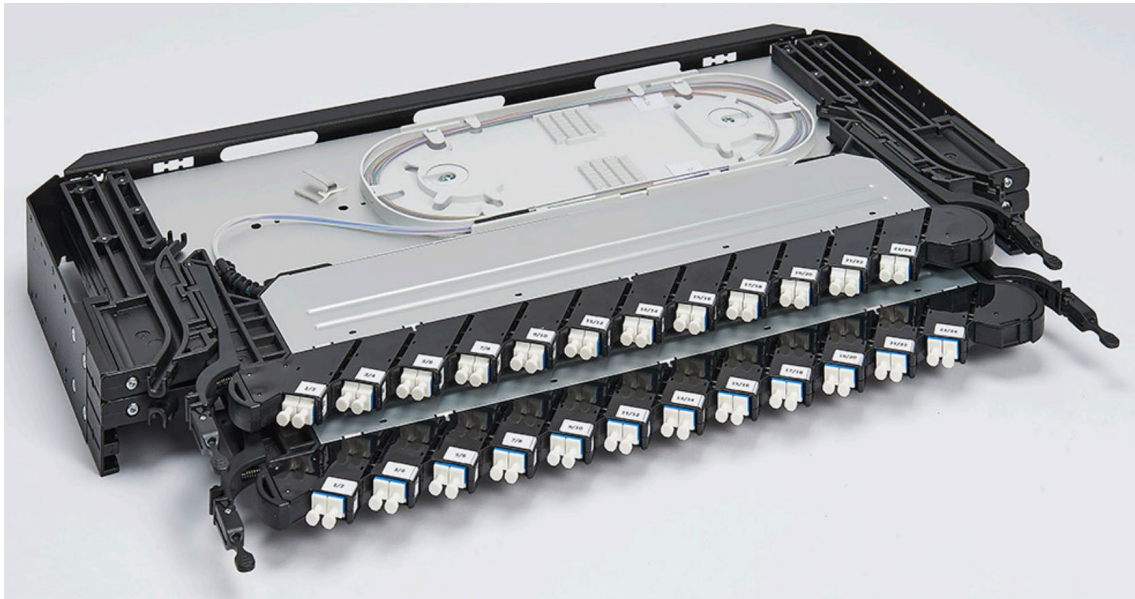
Article number & article description

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*
C49001	MMR FLODF Base Module 19" 1U
C49004	MMR Heat Shrink Splice Protector 40mm (Set 25P)

Benefits of the Splice-Patch Solution

- The positioning of the 19" mounting handles is adjustable. Minimum position is 55 mm from the front of the drawer;
- The drawer is completely equipped. Everything is positioned and mounted in the drawer. The pigtails are stripped and inserted in the trays;
- The drawer is prepared for the termination of a max. of 96 fibres.
- The drawer is prepared to handle 4 separate cassettes of 24 fibres;
- Each cassette can be slide independently 40 mm to the front in order to facilitate adds, moves or changes.
- The splice trays are equipped with splice holders for ANT / Shrink sleeve splice protectors;
- The drawer is prepared for the termination of fibre tubes with 12 or 24 fibres.

*   *left means patching to the left and routing of the patch cables to the left, right means patching to the right and routing of the patch cables to the right*

➢ Features

- 19" housing, steel, 1U;
- Powder coating, Black;
- Width x depth 436 mm x 190 mm;
- 4 x sliding cassettes on 1U;
- Angled positioning adapters;
- Mounting materials, cage nuts;
- Coding plate and patch cable support ;
- Identification cassettes white with black overprint;

- Per cassette a splice tray for 24 splices;
- Standard delivered with Shrink Sleeves;
- G.657A1 singlemode fibre;
- 48 x LC/PC or LC/APC duplex adapters;
- 96 x LC/PC or LC/APC 8° pigtails conform IEC 61753, 61754 and 61755;
- Color coding pigtails 1-12 and 13-24 conform:

➢ Optical Performance pigtails (LC/PC)

Colour	Blue	
Insertion Loss*	Grade C	< 0.25 dB typical
	97 %	<0.50 dB random
	100 %	<0.70 dB random
	100 %	<0.30 dB reference connector
Return Loss*	Grade 1	> 45 dB minimum
		> 50 dB typical

➢ Optical Performance adapters (LC/PC)

Colour	Blue
Type	LC/PC Duplex , conform IEC 60874
Sleeve	Zirconia

➢ Optical Performance pigtails (LC/APC)

Colour	Green	
Insertion Loss*	Grade C	< 0.25 dB typical
	97 %	<0.50 dB random
	100 %	<0.70 dB random
	100 %	<0.30 dB reference connector
Return Loss*	Grade 1	> 60 dB minimum
		> 65 dB typical

➢ Optical Performance adapters (LC/APC)

Colour	Green
Type	LC/APC Duplex , conform IEC 60874
Sleeve	Zirconia

➢ Environmental test B: Dry Heat IEC 60068-2-2

Parameter (setup climatic chamber)	Value
T min	-40 degree Celsius
T max	+70 degree Celsius
T measurement	23 +/- 3 degree Celsius
Humidity	--
Rising Time	1K/min
Hold time (Tmeas)	1 h

Conform or exceeding IEC 61753 optical standard

4.2. Front Loaded Patch – Open-End solution

The main application for the Front Loaded Patch – Open-End solution is the finishing of incoming trunk cables in an external (outdoor) distribution point, where the patch environment is positioned in the Meet Me Room. The cable of the patch – open-end solution can be spliced in splice-cassettes capable of handling fibers with a primary coating (250 microns).
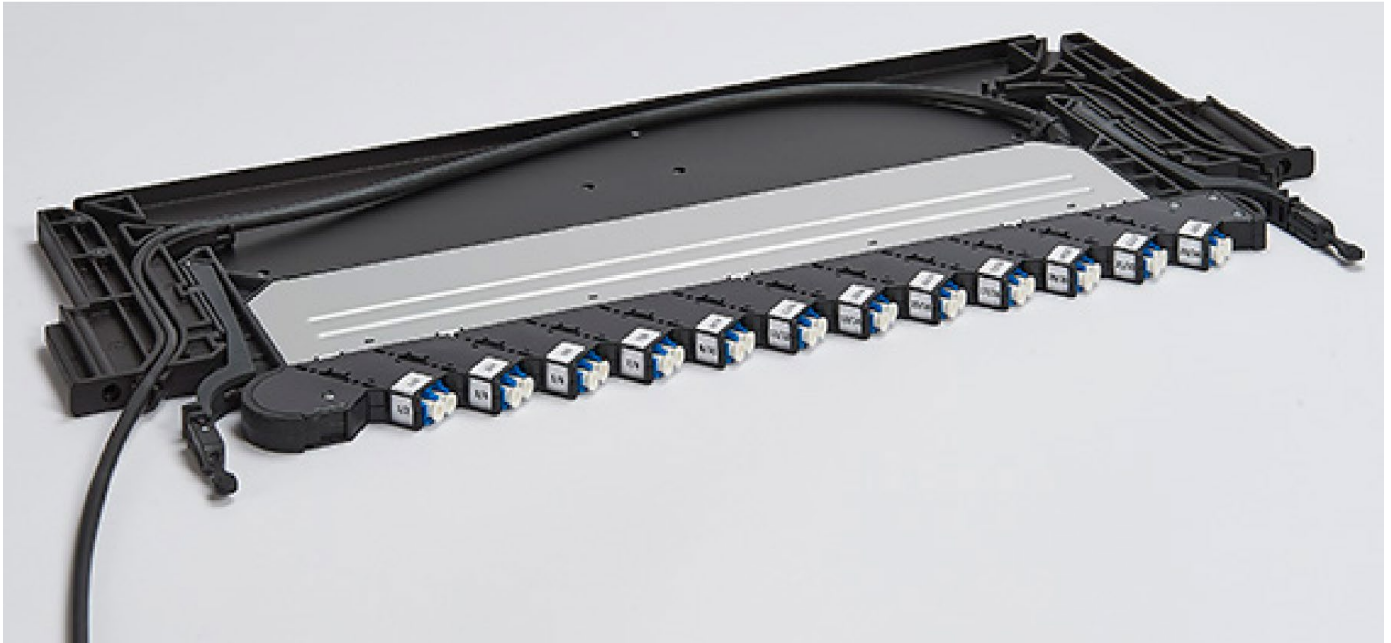
Article number & article description

C42001	MMR Cass. Patch – Open-End 24F SM LC/PC Left*
C42002	MMR Cass. Patch – Open-End 24F SM LC/PC Right*
C42003	MMR Cass. Patch – Open-End 24F SM LC/APC Left*
C42004	MMR Cass. Patch – Open-End 24F SM LC/APC Right*
C49002	MMR FLODF PPTL 19" 1U

Benefits of the Splice-Patch Solution

- The positioning of the 19" mounting handles is adjustable. Minimum position is 55 mm from the front of the drawer;
- The drawer is completely equipped. Everything is positioned and mounted in the drawer. The open-end cable with a length of 15 meters is already pre-assembled in the cassette;
- The drawer is capable of handling max. 96 fibres.
- The drawer is prepared to handle 4 separate cassettes of 24 fibres;
- Each cassette can be slide independently 40 mm to the front in order to facilitate adds, moves or changes.

*   *left means patching to the left and routing of the patch cables to the left, right means patching to the right and routing of the patch cables to the right*

Features

- 19" housing, steel, 1U;
- Powder coating, Black;
- Width x depth 436 mm x 190 mm;
- 4 x sliding cassettes on 1U;
- Angled positioning adapters;
- Mounting materials, cage nuts;
- Coding plate and patch cable support ;
- Identification cassettes white with black overprint;

- Per cassette an open-end cable of 15 meters;
- Standard delivered with Shrink Sleeves;
- G.657A1 singlemode fibre;
- 48 x LC/PC or LC/APC duplex adapters; conform IEC 61753, 61754 and 61755;
- Color coding pigtails 1-12 and 13-24 conform:

➢ Optical Performance (LC/PC)

Colour	Blue	
Insertion Loss*	Grade C	< 0.25 dB typical
	97 %	<0.50 dB random
	100 %	<0.70 dB random
	100 %	<0.30 dB reference connector
Return Loss*		> 50 dB minimum

➢ Optical Performance adapters (LC/PC)

Colour	Blue
Type	LC/PC Duplex , conform IEC 60874
Sleeve	Zirconia

➢ Optical Performance (LC/APC)

Colour	Green	
Insertion Loss*	Grade C	< 0.25 dB typical
	97 %	<0.50 dB random
	100 %	<0.70 dB random
	100 %	<0.30 dB reference connector
Return Loss*		> 60 dB minimum

➢ Optical Performance adapters (LC/APC)

Colour	Green
Type	LC/APC Duplex , conform IEC 60874
Sleeve	Zirconia

➢ Environmental test B: Dry Heat IEC 60068-2-2

Parameter (setup climatic chamber)	Value
T min	-40 degree Celsius
T max	+70 degree Celsius
T measurement	23 +/- 3 degree Celsius
Humidity	--
Rising Time	1K/min
Hold time (Tmeas)	1 h

Conform or exceeding IEC 61753 optical standard

4.3. Meet Me Room Optical Distribution Frame

Article number & article description

C44001   MMR ODF Frame 2050x900x400 Left, 14x stump, 2x slide & doors + 1x back & top
C44002   MMR ODF Frame 2050x900x400 Right, 14x stump, 2x slide & doors + 1x back & top

Benefits of the Meet Me Room Optical Distribution Frame

- Ideally suited for direct input of trunk cabling into the splice & patch panels;
- Cabling can be fed into the frame from the bottom as well as from the top;
- Smart patch management design for quick and easy moves, adds and changes with minimal impact on existing connections;
- Clear patch management routing due to coded cable management stubs.

Specifications

Frame

- Material: Steel;
- Dimensions: 2050x900x400mm (Height x Width x Depth);
- Single sided 19 inch with patch management on the left or the right depending on version;
- Double door at the front with push button handle;
- Closed sides and rear wall;
- Roof with cable entries left and right by means of brushes
- Powdercoating RAL 7047;
- Capable of handling trunk cabling from the bottom and top.

Profiles

- 1x set of 19 inch profiles, total height 42U.
  The 19 inch profiles can be moved separately from the cable mat (adjustable in depth).
- 2x numbered strip, 01 at the top;

Cable management

- Patch management compartment with 14 stubs (12x panel side + 2x central);
- Cable mat for trunk cable routing.

Accessories

- Fixation set (wall or floor fixation);