

Multi-Access Modular Unit (MAMU)

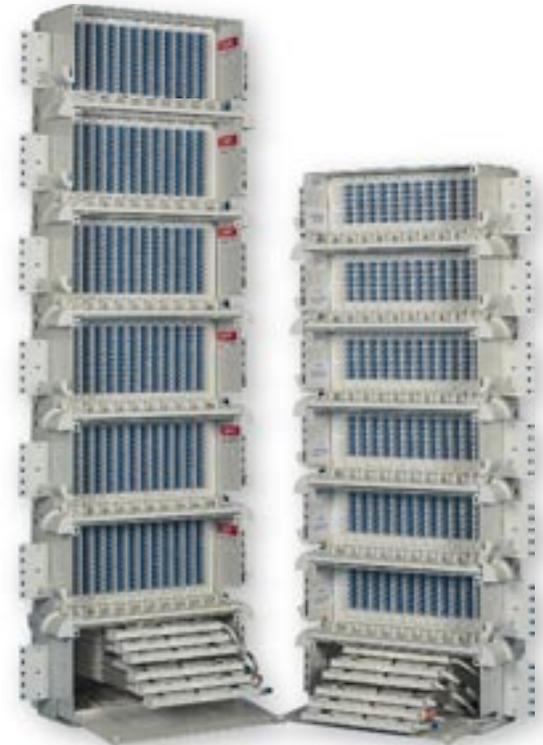
The MAMU provides a convenient means for quickly splicing and terminating high fiber count cables.

Product Description

The MAMU unit is composed of a stack of multiple termination shelves and one splice shelf. Each Fiber Termination Shelf is equipped with connector panels, fiber termination and fanouts. Each splice shelf is equipped with mass-fusion or single-fusion splice organizers. All of the shelves are secured together in the factory, shipped and installed as a single unit.

The assembly is supplied preterminated with a complement of 12-fiber ribbon fanouts. The fanouts supplied in each shelf have individual single-mode SC or LC Connectors on one end and are unconnectorized on the other end. The unconnectorized end of each fanout is routed from the rear of the termination shelf position to the splice shelf and into the splice organizers. The unconnectorized end is positioned in the organizer ready for mass fusion or single fusion splicing. The unconnectorized end of each fanout is clearly identified to correspond to a termination shelf and to the connector positions within that shelf. The splice shelf and organizers are located at the bottom of the assembly, in the position most convenient for splicing.

The MAMU is available for 432-fiber termination. This unit comprises a stack of six LST1U-072/7 Fiber Termination Shelves and one LSS1U-144/7 Splice Shelf for a total height of 49 inches (1244 mm). A high-density MAMU is also available for terminating 864 fibers. This unit consists of six LST1U-144/9 Fiber Termination Shelves and one LSS1U-864/9 Splice Shelf for a total height of 63-inches (1600 mm). A mini-MAMU is also available for the 216-fiber terminations.



Features

- Preterminated and pretested shelves
- Easy network build
- On bay splicing
- No cable stubs or riser cables to deal with
- Fits 19 inch, 23 inch or ETSI frames.

Benefits:

- These shelves only require mounting to the network frame, reducing installation time and cost.
- MAMU shelves are easily ordered, together with their associated components, thereby reducing inventory costs.
- Having 36 or 72 mass fusion splices that connect to 432 or 864 terminations, respectively, saves splicing time.

The MAMU means easy engineering, less inventory, lower splicing costs, and simplified ordering.

Applications

The primary applications for the MAMU:

- In high-density fiber applications where the use of high fiber counts are needed. (Note: the MAMU comes in 216, 432 and 864 fiber termination configurations.)
- In controlled environmental vaults (CEVs) the MAMUs are used for high-density fiber applications.
- For cable headend applications, the MAMUs are located at the origination locations and provide an origination point for high-density fiber terminations.

Benefits

- These shelves only require mounting to the network frame, reducing installation time and cost.
- MAMU shelves are easily ordered, together with their associated components, thereby reducing inventory costs.
- Having 36 or 72 mass fusion splices that connect to 432 or 864 terminations, respectively, saves splicing time.
- Eliminate riser requirements and cost.
- Reduce installation time and cost.
- Modular units allow rapid network growth.

Ordering Information:

Product Code	COMCODE	Height	Description
LPST-S-SCUU-AR-432-51 (MAMU)	108 298 829	51 inches (1295 mm)	MAMU- The unit consists of a stack of six preterminated LST1U-072/7 SC fiber termination shelves and one LSS1U-144/9 splice shelf with six LT2A-MF/MF mass fusion splice trays containing 36 x 12-fiber MF splices (432 individual fibers spliced).
LPST-W-SCUU-AR-432-51 (MAMU)	108 736 976	51 inches (1295 mm)	MAMU- The unit consists of a stack of six preterminated LST1U-072/7 SC fiber termination shelves and one LSS1U-144/9 splice shelf with six LT2A-MF/MF mass fusion splice trays containing 36 x 12-fiber MF splices (432 individual fibers spliced). This product is tailored to the AllWave Advantage™ solution.
LPST-W-LCUU-AR-432-51 (MAMU)	109 160 473	51 inches (1295 mm)	MAMU- The unit consists of a stack of six preterminated LST1U-072/7 LC fiber termination shelves and one LSS1U-144/9 splice shelf with six LT2A-MF/MF mass fusion splice trays containing 36 x 12-fiber MF splices (432 individual fibers spliced). This product is tailored to the AllWave Advantage solution.
LPST-S-SCUU-AR-864-63 MAMU (ENHANCED)	108 617 481	63 inches (1600 mm)	Super MAMU- The unit consists of a stack of six preterminated LST1U-144/9 SC fiber termination shelves and one LSS1U-144/9 splice shelf with six LT2A-MF/MF mass fusion splice trays containing 72 x 12-fiber MF splices (864 individual fibers spliced).
LPST-S-LCUU-AR-864-63 MAMU (ENHANCED)	109 031 245	63 inches (1600 mm)	Super MAMU- The unit consists of a stack of six preterminated LST1U-144/9 LC fiber termination shelves and one LSS1U-144/9 splice shelf with six LT2A-MF/MF mass fusion splice trays containing 72 x 12-fiber MF splices (864 individual fibers spliced).

Ordering Information (Continued):

Product Code	COMCODE	Height	Description
LPST-W-SCUU-AR-864-63 MAMU (ENHANCED)	108 736 968	63 inches (1600 mm)	Super MAMU- The unit consists of a stack of six preterminated LST1U-144/9 SC fiber termination shelves and one LSS1U-144/9 splice shelf with six LT2A-MF/MF mass fusion splice trays containing 72 x 12-fiber MF splices (864 individual fibers spliced). This product is tailored to the AllWave Advantage solution.
LPST-W-LCUU-AR-864-63 MAMU (ENHANCED)	109 152 900	63 inches (1600 mm)	Super MAMU- The unit consists of a stack of six preterminated LST1U-144/9 LC fiber termination shelves and one LSS1U-144/9 splice shelf with six LT2A-MF/MF mass fusion splice trays containing 72 x 12-fiber MF splices (864 individual fibers spliced). This product is tailored to the AllWave Advantage solution.
LPS1-S-LAUU-AR-864-74 SF MAMU (ENHANCED)	300 386 943	74 inches (1880 mm)	Super MAMU- The unit consists of a stack of six preterminated LST1U-144/9 LC Angled fiber termination shelves and two LSS1U-144/10 splice shelf with 18 LT1B-F/F single fusion splice trays containing 864 x 1-fiber SF splices (864 individual fibers spliced).
LPST-S-SCUU-AR-432-DIAMOND MAMU	108 934 506	57 inches (1448 mm)	Co-Location MAMU- The unit consists of a stack of three preterminated LST1U-144/9 SC fiber termination shelves and six LSS1U-072/5 splice shelf with 18 LT2A-MF/MF mass fusion splice trays containing 36 x 12-fiber MF splices (432 individual fibers spliced).
LPS1-W-SCUU-AR-216/28 MAMU	300 386 901	28 inches (711 mm)	Mini-MAMU. The unit consists of a stack of three preterminated LST1U-072/7 SC fiber termination shelves and one LSS1U-144/7 splice shelf with six LT2A-MF/MF mass fusion splice trays containing 18 x 12-fiber MF splices (216 individual fibers splices). This product is tailored to the AllWave Advantage solution.
LPS1-S-SCUU-AR-288-25-(MAMU)	300399037	25 inches (612.5mm)	SC SM Mini-MAMU. The unit consists of a stack of two preterminated LST1U-144/9 SC fiber termination shelves and one LSS1U-144/7 splice shelf with 6 LT1B-F/F single fusion splice trays capable of 48 splices each (288 single fusion total capacity). Preinstalled with singlemode SC ribbon based fanouts dressed down to the splice shelf.
LPS1-L-SCUU-AR-288-25-(MAMU)	300399052	25 inches (612.5mm)	SC MM Mini-MAMU. The unit consists of a stack of two preterminated LST1U-144/9 SC fiber termination shelves and one LSS1U-144/7 splice shelf with 6 LT1B-F/F single fusion splice trays capable of 48 splices each (288 single fusion total capacity). Preinstalled with multimode SC ribbon based fanouts dressed down to the splice shelf.
LPS1-S-LCUU-AR-288-25-(MAMU)	300399045	25 inches (612.5mm)	LC SM Mini-MAMU. The unit consists of a stack of two preterminated LST1U-144/9 LC fiber termination shelves and one LSS1U-144/7 splice shelf with 6 LT1B-F/F single fusion splice trays capable of 48 splices each (288 single fusion total capacity). Preinstalled with singlemode LC ribbon based fanouts dressed down to the splice shelf.
LPS1-L-LCUU-AR-288-25-(MAMU)	300399060	25 inches (612.5mm)	LC MM Mini-MAMU. The unit consists of a stack of two preterminated LST1U-144/9 LC fiber termination shelves and one LSS1U-144/7 splice shelf with 6 LT1B-F/F single fusion splice trays capable of 48 splices each (288 single fusion total capacity). Preinstalled with multimode LC ribbon based fanouts dressed down to the splice shelf.
LPS2-S-SAUU-AR-288-25 MAMU E/W LT1B F/F	300410305	25 inches (612.5mm)	SC Angled Mini-MAMU. The unit consists of a stack of two preterminated LST1U-144/9 SC fiber termination shelves and one LSS1U-144/7 splice shelf with 6 LT1B-F/F single fusion splice trays capable of 48 splices each (288 single fusion total capacity). Preinstalled with singlemode SC Angled ribbon based fanouts dressed down to the splice shelf.