

# ECE3

## ETSI Splice & Termination Cabinet

### Description

The ECE3 is series designed for 300 mm depth ETSI racks. It provides splicing and termination within one convenient housing unit. The ECE3 terminates up to 144 fibers in a 7SU (ETSI height) distribution frame. This unit contains angled panel for mounting various optical adaptors (SC, LC, E2000, ...). It allows decreasing the depth of cabinet. The swing-out shelf enables unrestricted front, rear and top access to the splicing area and termination panels.

ETSI philosophy is completely different. It is based on metrical system. Height of SU (System Unit) is 25 mm. **This type cannot be used in common 19" racks.**



ECE3-3SU

### Features

- ETSI rack standards compatible
- Aluminum material – low weight and shipment costs
- Up to 72/144 termination in 7SU (7x25 mm) ETSI height
- Splicing and termination optical cable in one box
- Splice cassette holder enables cable termination with the help of pigtail splicing
- Enables management and rearrangement of cable slack
- Removable top cover provides unrestricted access
- Pivoting shelf eases connector routing and cable routing
- Accepts the industry's most common connector types

### Technical specifications

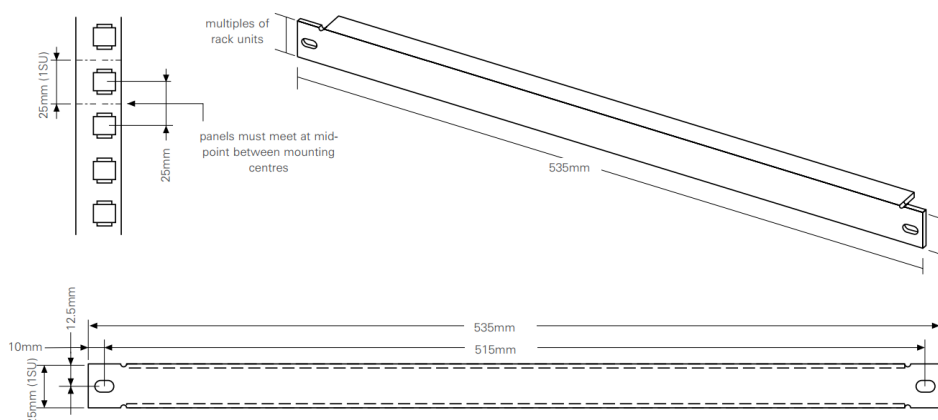
| Part Number | Fiber Capacity <sup>1</sup> | Max. Cassette Capacity | ETSI Height <sup>2</sup> | Dimensions (H x W x D) mm |
|-------------|-----------------------------|------------------------|--------------------------|---------------------------|
| ECE3-2      | 12/24                       | 1                      | 2 SU (50 mm)             | 50x440x265                |
| ECE3-3      | 36/48                       | 4                      | 3 SU (75 mm)             | 75x440x265                |
| ECE3-5      | 36/72                       | 6                      | 5 SU (125 mm)            | 125x440x265               |
| ECE3-7      | 72/144                      | 12                     | 7 SU (175 mm)            | 175x440x265               |

Note: 1) standard / SFF connector types

2) SU – system unit, 1 SU=25 mm

### Product Information and Specifications

#### ETSI KEY ELEMENTS



## Ordering Code

| ECE3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | - xSU    | - xx       | - x(F) <sup>1</sup> x                                                                                                             | - Cx | - xx |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------|------|------|-----------|--|----------|--|-----------|----|----------|-----------|--------------|----|----------|------------|-----------|----|----------|-----|--------------|-------------|--|--|---------------|-----------|--|--|---------------|-----------|--|--|---------------|-----------|--|--|------------|---------------|--|--|
| <b>Height</b><br><i>ETSI SU height</i><br><b>2SU</b> 50 mm<br><b>3SU</b> 75 mm<br><b>5SU</b> 125 mm<br><b>7SU</b> 175 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |          |            | <b>xx – No. of cassettes</b><br><b>1</b> 1 Splice cassette<br><b>2</b> 2 Splice cassettes<br>...<br><b>12</b> 12 Splice cassettes |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>Fiber capacity</b><br>12, 24, ..fibers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |          |            | <b>Door options</b><br><b>LM</b> Metal door – lock<br><b>ZM</b> Metal door – latch                                                |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>Coupling type</b> <table><tr><td><b>xx</b></td><td></td><td><b>x</b></td><td></td></tr><tr><td><b>ST</b></td><td>ST</td><td><b>M</b></td><td>Multimode</td></tr><tr><td><b>SC(F)</b></td><td>SC</td><td><b>S</b></td><td>Singlemode</td></tr><tr><td><b>FC</b></td><td>FC</td><td><b>A</b></td><td>APC</td></tr><tr><td><b>E2(F)</b></td><td colspan="3">LSH (E2000)</td></tr><tr><td><b>DSC(F)</b></td><td colspan="3">duplex SC</td></tr><tr><td><b>DLC(F)</b></td><td colspan="3">duplex LC</td></tr><tr><td><b>DMU(F)</b></td><td colspan="3">duplex MU</td></tr><tr><td><b>QLC</b></td><td colspan="3">quadruplex LC</td></tr></table> |               |          |            |                                                                                                                                   |      |      | <b>xx</b> |  | <b>x</b> |  | <b>ST</b> | ST | <b>M</b> | Multimode | <b>SC(F)</b> | SC | <b>S</b> | Singlemode | <b>FC</b> | FC | <b>A</b> | APC | <b>E2(F)</b> | LSH (E2000) |  |  | <b>DSC(F)</b> | duplex SC |  |  | <b>DLC(F)</b> | duplex LC |  |  | <b>DMU(F)</b> | duplex MU |  |  | <b>QLC</b> | quadruplex LC |  |  |
| <b>xx</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | <b>x</b> |            |                                                                                                                                   |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>ST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ST            | <b>M</b> | Multimode  |                                                                                                                                   |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>SC(F)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SC            | <b>S</b> | Singlemode |                                                                                                                                   |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>FC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FC            | <b>A</b> | APC        |                                                                                                                                   |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>E2(F)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LSH (E2000)   |          |            |                                                                                                                                   |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>DSC(F)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | duplex SC     |          |            |                                                                                                                                   |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>DLC(F)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | duplex LC     |          |            |                                                                                                                                   |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>DMU(F)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | duplex MU     |          |            |                                                                                                                                   |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |
| <b>QLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | quadruplex LC |          |            |                                                                                                                                   |      |      |           |  |          |  |           |    |          |           |              |    |          |            |           |    |          |     |              |             |  |  |               |           |  |  |               |           |  |  |               |           |  |  |            |               |  |  |



Key lock

Metal latch

Note: 1) "F" – fixed adaptors by screws

## Example of Application



ECE3-7SU-144-DLC A-C12-LM



ECE3-3SU-48-DLC A-C4-ZM

Note: Sample of fully equipped ODF. Appropriate pigtails shall be ordered separately according to relevant patchcord datasheet.