

|              |                           |        |
|--------------|---------------------------|--------|
| Type:        | LB3 – OTDR Launch Box     | REV: 2 |
| Ref:         | LB3- see ordering details |        |
| Data:        | 9.09.2014                 | At     |
| Modyfikacja: | 8.08.2019                 | KGB    |
| Modyfikacja: | 30.03.2023                | KŚ     |

## Connectivity fiber

### LB3 - OTDR LAUNCH BOX



#### DESCRIPTION:

- Portable LB3 case with optic fiber.
- LB3 OTDR launch box allows to perform reflectometric tests using OTDR.
- Fiber ends covered with a protective tube and terminated with master class connectors.
- Available connectors: SC/LC/E2000/FC/ST with PC or APC polishing type.
- Case capacity is one channel with fiber length of 5000m or two channel each 2000m length.
- Launch fibers are placed in a reinforced, waterproof and crushproof case.

#### TECHNICAL SPECIFICATION:

| Parameter                                |  |
|--|--|
| IL <sub>MAX</sub> @ 1310 nm (SM)         | ≤ 0.35 dB/km   |
| IL <sub>MAX</sub> @ 1550 nm (SM)         | ≤ 0.22 dB/km   |
| IL <sub>MAX</sub> @ 850 nm (MM)          | ≤ 2.50 dB/km   |
| IL <sub>MAX</sub> @ 1300 nm (MM)         | ≤ 0.70 dB/km   |
| Insertion loss, SM fiber (IEC 61300-3-4) | ≤ 0.15 dB  |
| Insertion loss, MM fiber (IEC 61300-3-4) | ≤ 0.20 dB  |
| Return Loss (IEC 61300-3-6)              | RL ≥ 65 dB (APC);<br>RL ≥ 55 dB (UPC);<br>RL ≥ 35 dB (PC); |
| Working temperature                      | -40 do +55C  |
| Length of input and output fiber         | 2 x 2m   |
| Case material                            | SR Polipropylen  |

|              |                           |        |
|--------------|---------------------------|--------|
| Type:        | LB3 – OTDR Launch Box     | REV: 2 |
| Ref:         | LB3- see ordering details |        |
| Data:        | 9.09.2014                 | At     |
| Modyfikacja: | 8.08.2019                 | KGB    |
| Modyfikacja: | 30.03.2023                | KŚ     |

## Connectivity fiber

### DIMENSIONS:

L: 216mm  
W: 180mm  
D:102mm



### FIBER LENGTHS:

| The number of channels | Fiber length   |
|------------------------|----------------|
| 1                      | 1000m or 2000m |
| 2                      | 1000m or 2000m |
| 1                      | 5000m          |

### ORDERING INFORMATION:

LB3-A0-1-82-00-2000-0000

|                    |   |             |   |   |
|--------------------|---|-------------|---|---|
| <b>LB3</b>         | <b>Launch box type (216x180x102)</b>                |             |   |   |
| <b>-A0-</b>        | <b>Optical fiber type – channel 1 and channel 2</b> |             |   |   |
|                    | A   | G652D       | H | OM1   |
|                    | B   | G655        | I | OM2   |
|                    | D   | G657A1      | K | OM3   |
|                    | E   | G657A2      | L | OM4   |
|                    | G   | G657B3+     | 0 | No optic fiber – when there is no channel 2 |
|                    | <b>Fanouts diameter</b>                             |             |   |   |
| <b>1</b>           | 1   | 1.8mm harsh |   |   |
|                    | 2   | 2.8mm       |   |   |
|                    | 3   | 1.8mm       |   |   |
| <b>-82-00-</b>     | <b>Connector type – channel 1 and channel 2</b>     |             |   |   |
|                    | 1   | E2000 PC    | 7 | SC PC                                       |
|                    | 2   | E2000 APC   | 8 | SC APC                                      |
|                    | 3   | FC PC       | 9 | ST PC                                       |
|                    | 4   | FC APC      | 0 | No connectors – when there is no channel 2  |
|                    | 5   | LC PC       |   |   |
|                    | 6   | LC APC      |   |   |
| <b>-2000-0000-</b> | <b>Fiber length [m] – channel 1 and channel 2</b>   |             |   |   |

Example:

LB3-D0-1-85-00-2000-0000

OTDR LAUNCH BOX 2000M G657A1 SCAPC - LCPC BOX 3

This document and the statements contained in it, are not intended for customers within the meaning of Civil Code. The information submitted in this document is to our knowledge and belief true at the time of issue, however, we do not assume any liability whatsoever for its accuracy, and completeness. This document is for informational purposes on an "as is" basis only, and Fibrain reserves the right to change its contents at any time without prior notice. The specification cannot in any case be considered an offer within the meaning of the Civil Code and is not contractually valid unless specifically authorized by Fibrain. Before using this product, its buyer and/or user has to make sure that it is suitable for the intended use. All liability issues related to this product are subjected to the seller's separate Terms of Sale or the terms and conditions agreed with the Fibrain representative or distributor.