



Customer Termination Box 2 (CTB2)

For FTTX network connections for MDUs and SDUs

Features

- Robust / Impact Resistant
- Cost-Effective
- UV Stable
- Multifunctional
- V0 Fire-rated (grey option for I/O)

Application

- Future proof FTTP deployments
- Decentralized split
- FTTA
- Basement splice closure
- MDU Distribution
- Demarcation point

Design

The CTB2 is a universal enclosure that has been developed for housing fibre connectivity. The versatile design gives the CTB2 the ability to accommodate a number of connectivity modules.

The closure is made of high quality ABS material and can be supplied in a variety of colours.

Internally, the Box can come equipped with either a plastic or metal module to accommodate fibre storage cable management. The available modules include:

- Open Splice/Patch
- Open Splice/Patch with Splitters
- Managed Splice/Patch
- Splice Only
- Splice Only with Splitters
- Pre-tailed Modules
- Pre-tailed Modules with Splitters

The CTB2 can be used in conjunction with the wall/pole mount bracket which provides additional cable anchoring points and cable storage for overlength behind the box.

Product Information



Cable Diameter: 3-16mm

Splice capacity: Varies by module

Patch capacity: Varies by module

Material: ABS

Dimensions: 140 x 190 x 45 mm

Technical Information

| | |
|---------------------------------------|---|
| Product Color | Black, Brown or Grey |
| Temperature, Operation [°C] | -30 to +50 |
| Temperature, Storage [°C] | -30 to +50 |
| Temperature, Installation [°C] | -10 to +40 |
| Reaction to Fire | UL94 V0 (Grey only) |
| Fiber Type | G657A1;G657A2 |
| Attenuation @Wavelength [nm] | 1310/1550 |
| Maximum Attenuation [dB/km] | 0.4/0.3 |
| Insertion Loss, max [dB] | 0.3 (Connectors only) |
| Return Loss, min [dB] | 55 |
| Marking | Available with Customer Marking |
| Installation Notes | Wall & Pole Mounting - Screw Fixtures or Optional Bracket V0 Grey is recommended for internal installations. |

Technical Details



CTB2 Grey (V0) and Brown Options

Articles 23

| Article name | Color | Nb. of Fibers | Layout | Dimensions [mm] | Weight [kg] | Length [m] |
|---|-------|---------------|---------------------------------------|----------------------|-------------|------------|
| Closure - CTB2 - Open Splice/Patch Module FCLC-C2BK-C6-ASC1 | Black | 6 | 6F Splice/Patch SC/APC - G657A1 | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Open Splice/Patch Module FCLC-C2BK-C12-ALC1 | Black | 12 | 12F Splice/Patch LC/APC - G657A1 | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Open Splice/Patch Module w/ Splitter FCLC-C2BK-SP04-ASC1 | Black | 4 | 1x4 Splitter SC/APC - G657A1 | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Open Splice/Patch Module w/ Splitter FCLC-C2BK-SP04-ALC1 | Black | 4 | 1x4 Splitter LC/APC - G657A1 | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Open Splice/Patch Module w/ Splitter FCLC-C2BK-SP08-ALC1 | Black | 8 | 1x8 Splitter LC/APC - G657A1 | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Managed Splice/Patch Module FCLC-C2BK-PP01-ASC | Black | 0 | 1F Patch SC/ APC | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Managed Splice/Patch Module FCLC-C2BK-PP01-ASC2 | Black | 1 | 1F Splice/Patch SC/APC G657A2 | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Splice Only Module FCLC-C2BK-SO | Black | 0 | 48F Splice with Mdspar | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Splitter/Splice Module FCLC-C2BK-SS04-1x4 | Black | 4 | 1x4 Splitter - G657A1 | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Splitter/Splice Module FCLC-C2BK-SS04-1x8 | Black | 8 | 1x8 Splitter - G657A1 | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Splitter/Splice Module FCLC-C2BK-SS04-1x16 | Black | 16 | 1x16 Splitter - G657A1 | 150mm × 270mm × 42mm | 0.35 | — |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PR12-ASC1-xxxM | Black | 12 | 12F SC/APC to Stub - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PR12-ASCMTPM1-xxxM | Black | 12 | 12F SC/APC to MTPM - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PR24-ALC1-xxxM | Black | 24 | 24F LC/APC to Stub - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PR24-ALCMTPM1-xxxM | Black | 24 | 24F LC/APC to MTPM - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PRS04-ASC1-1x4-xxxM | Black | 4 | 1x4 SC/APC Splitter - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PRS08-ASC1-1x8-xxxM | Black | 8 | 1x8 SC/APC Splitter - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PRS04-ALC1-1x4-xxxM | Black | 4 | 1x4 LC/APC Splitter - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |

| Article name | Color | No. of Fibers | Layout | Dimensions [mm] | Weight [kg] | Length [m] |
|---|-------|---------------|-------------------------------------|----------------------|-------------|------------|
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PRS08-ALC1-1x8-xxxM | Black | 8 | 1x8 LC/APC Splitter - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PRS16-ALC1-1x16-xxxM | Black | 16 | 1x16 LC/APC Splitter - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PRS12-ALC1-(3)1x4-xxxM | Black | 12 | (3) 1x4 LC/APC Splitter - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| Closure - CTB2 - Pre-tailed Module FCLC-C2BK-PRS24-ALC1-(3)1x8-xxxM | Black | 24 | (3) 1x8 LC/APC Splitter - G657A1 | 150mm × 270mm × 42mm | 0.5 | xxx |
| CTB2 Mounting Bracket FCLC-C2-CBKT-BK | Black | – | – | – | – | – |