# DIGITUS® Compact FTTx Splicing and Splitter Distribution Box

**DN-968918**

**EAN 4016032511304**



**Compact FTTx Splice & Splitter Distribution Box upto 12 Adapters SC Sx/ LC Dx, upto 24 Fibers**

Ideal for FTTH and FTTB applications in residential and commercial buildings, the compact FTTx splice and splitter box from DIGITUS offers a practical solution for fiber-optic termination and distribution. The housing allows for the use of heat-shrink and crimp splice protection, enabling installers to choose the appropriate protection method based on project requirements. This versatility supports common splicing techniques and various installation methods. As a central connection point between incoming fiber-optic cables and individual subscriber lines, the box facilitates the transition from the building infrastructure to end-user connections. It can be integrated into various network architectures, such as single-family homes, apartment buildings, and commercial properties. Whether for new installations, network upgrades, or infrastructure expansions—the solution offers the necessary adaptability for professional fiber-optic projects and long-term, reliable connectivity.

**Save space and simplify installation—this compact FTTx solution combines up to 24 fiber splices, optical splitters, and flexible fiber distribution in a single enclosure.**

- Fiber-optic cable entries and exits: 1 cable entry for uncut cable and 2 cable glands (max. Ø 12.5 mm); 12 branch cables (2 × 3 mm)
- Maximum number of splice cassettes: 2
- Maximum number of clutches: 12
- Clutch type: SC Sx / LC dx
- Maximum splicing capacity: 24 fibers
- Splice cassette type: Crimp splice protector / Heat-shrink splice protector
- Maximum splicing capacity per cassette: 16 fibers
- Inputs/Outputs: 4 / 8 or 12
- Supported cable diameter range: 6 mm – 12 mm
- PLC Splitter: 1:4 / 1:8
- Color: Gray
- Materials: Plastic: reinforced PC + ABS; Metal: 304 stainless steel
- Mounting Types: Pole mounting, wall mounting, mounting on overhead lines
- Protection Class: IP65
- Storage temperature: –40 to +65 °C
- Operating temperature: –25 to +70 °C
- Relative humidity: 0–93% at +40 °C
- Atmospheric pressure: 70–106 kPa
- Dimensions (H x W x D): 242 × 167 × 93 mm
- Net Weight: 0.57 kg

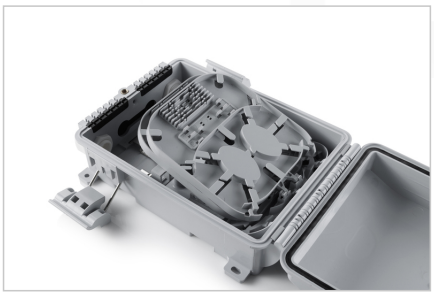
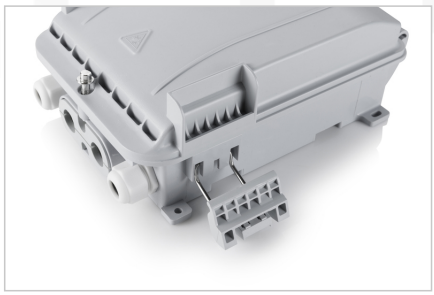
**Package contents**

- 1 x Compact FTTx Splicing and Splitter Box
- 3 x Crimp Splice Protector Holders (up to 8 fibers each)
- 2 x Heat-Shrink Splice Protector Holders (up to 12 fibers each)
- 1 x 1:4 / 1:8 Splitter Holder
- 4 stainless steel hose clamps
- 4 wall-mounting screws / anchors
- Cable ties
- Lock Key
- Splice Protection Elements (Heat-Shrink Protection)

**Logistics**

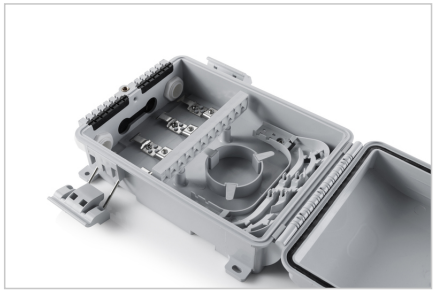
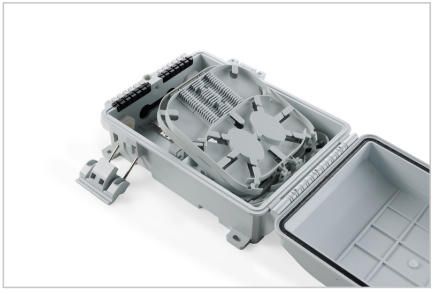
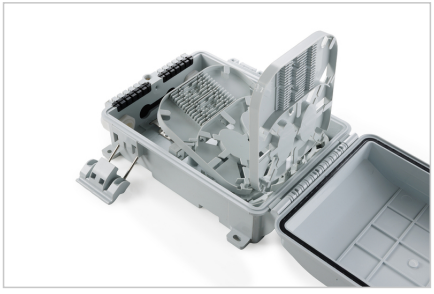
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
|---|---|---|---|---|---|---|
| **Packaging Unit Carton** | 20 | 15.98 | 52.00 | 53.00 | 38.50 | 106,106.00 |
| **Packaging Unit Inside** | 1 | 0.80 | 18.20 | 25.00 | 10.00 | 4,550.00 |
| **Packaging Unit Single** | 1 | 0.80 | 18.20 | 25.00 | 10.00 | 4,550.00 |
| **Net single without Packaging** | 1 | 0.68 | 24.50 | 16.60 | 9.50 | 0.00 |

**More images:**





**Safety notes**

- Avoid direct contact with light sources: Fiber optic cables, especially those with active light sources such as lasers (e.g. in optical communication systems), can emit dangerous radiation that can damage
- eyes. Take care never to look directly into the light of an optical fiber, even if the light source is invisible to the naked eye.
- When working with fiber optic cables, especially during tests or when working with lasers, protective goggles should always be worn to protect against harmful radiation.
- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- Do not kink or crush: Fiber optic cables are sensitive to mechanical stress.
- To protect cables from physical damage, they should be laid in special ducts or with protective materials
- Keep cable connectors clean: Fiber optic cables are sensitive to dust and dirt. Even small particles on the connectors can severely impair the signal quality.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product specifications for the maximum operating temperature of the cable
- Check cables regularly for visible damage such as cracks, kinks or signs of wear. Defective cables should be replaced immediately.

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

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