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	106.11
Packaging Unit Inside	1	0.80	18.20	25.00	10.00	4.55
Packaging Unit Single	1	0.80	18.20	25.00	10.00	4.55
Net single without Packaging	0	0.68	24.50	16.60	9.50	3,863.65

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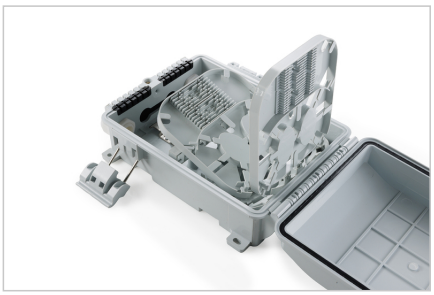
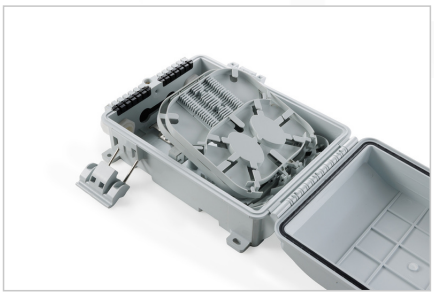
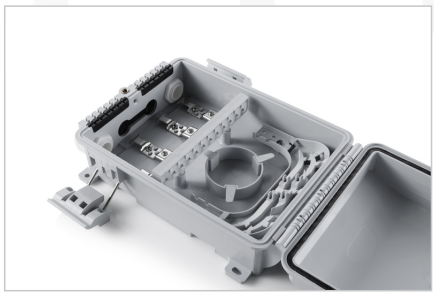





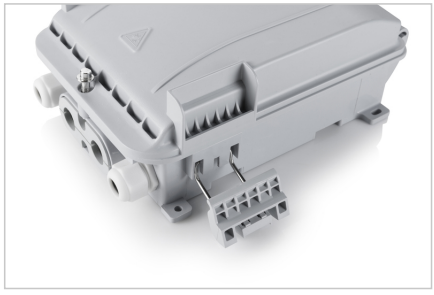
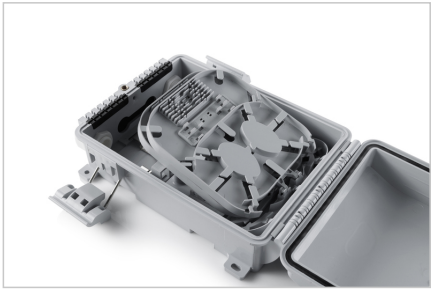


Safety notes

- 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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