

Street Cabinet FDE,8x48 ODP, 48 Feeder ODP, 48 Splitter

PART NUMBERS

Description

Part No.

Street Cabinet FDE,8x48 ODP, 48 Feeder ODP, 48 Splitter

SC-FDE384S48G1

APPLICATION

The outdoor Fiber Distribution Enclosure (FDE) cabinet is designed to handle fiber optic terminations and passive optical splitters in PON FTTx networks, but can also be used for Point to Point (P2P) applications or combinations of the both.

The FDE is used as a demarcation point between the feeder network and the distribution network and provides quick and easy incremental installation of distribution cable terminations and fiber optic splitters. This cabinet can handle both air-blown fiber in micro ducts, micro cables as well as drop cables and other fiber optic cables.

STANDARDS COMPLIANCE

- Weather/Ingress protection rating IP65 as per IEC60529
- Sizes manufactured in accordance with the standard IEC 60297
- Tested according to IEC 61300

DESIGN

This cabinet is designed with the unique feature of splicing fibers inside the cabinet in connector panel trays. This excludes the need for external manholes and splice boxes and therefore reduces installation time and installation cost. In addition to cable installation, the cabinet is designed for installation of air blown fibers in micro ducts which enables incremental fiber blowing to the cabinet for additional cost savings.

Other options include pre-connected sub cable for traditional fiber installations in manholes.

The product is equipped with a connector panel for up to 384 end users as SC or LC connections and up to 48 SC or LC feeder cable terminations.

Technical Details

Capacity	Up to 384 distribution output
Material	Aluzinc steel thickness of 1.2 / 1.5mm
Finish	Light Grey RAL 7035, special epoxy polyester outdoor paint and zinc epoxy primer
Weight	70 Kg
Operating Temperature	-10 °C ~ +75 °C
Load Rating	50 Kg



STANDARD ACCESSORIES

x10 Simplex Spare Adapter



x576 Splicing sleeve



100x Cable Tie 7cm



2x Spiral Tube



1x Self-Attaching Reusable Ribbon



Amwaj Holding Group (AHG).

Technical Fiber Optics Lines Company.
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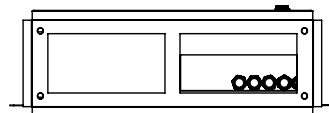
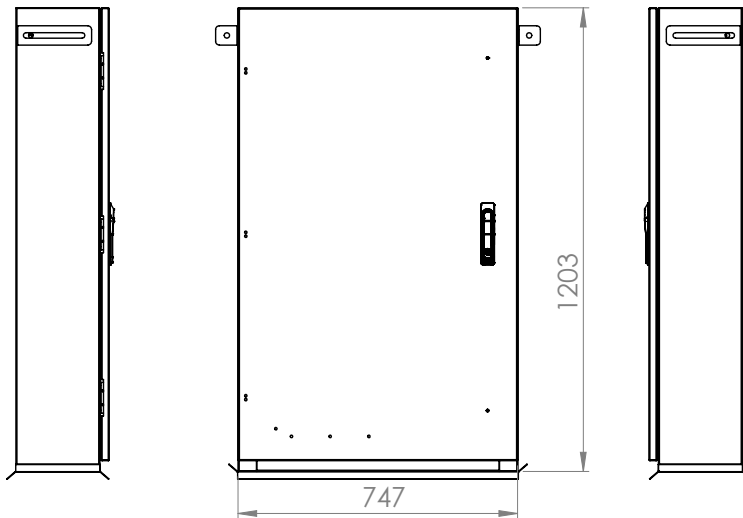
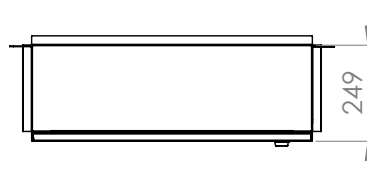
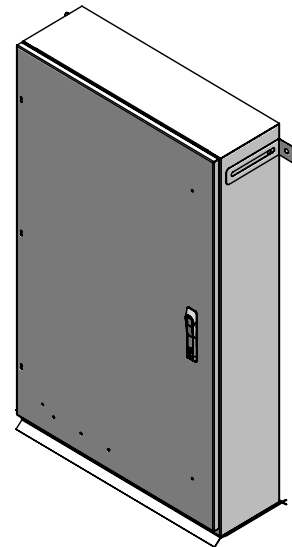
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LAYOUTS

All dimensions in millimetre



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FEAUTRES

- Feeder/ Bypass Panel
- Optical Distribution Panel
- Modular Splitter Management Panel
- For PON and P2P applications
- Up to 384 terminated drops
- Up to 48 positions for mounting of splitters
- Heavy duty strong metal material

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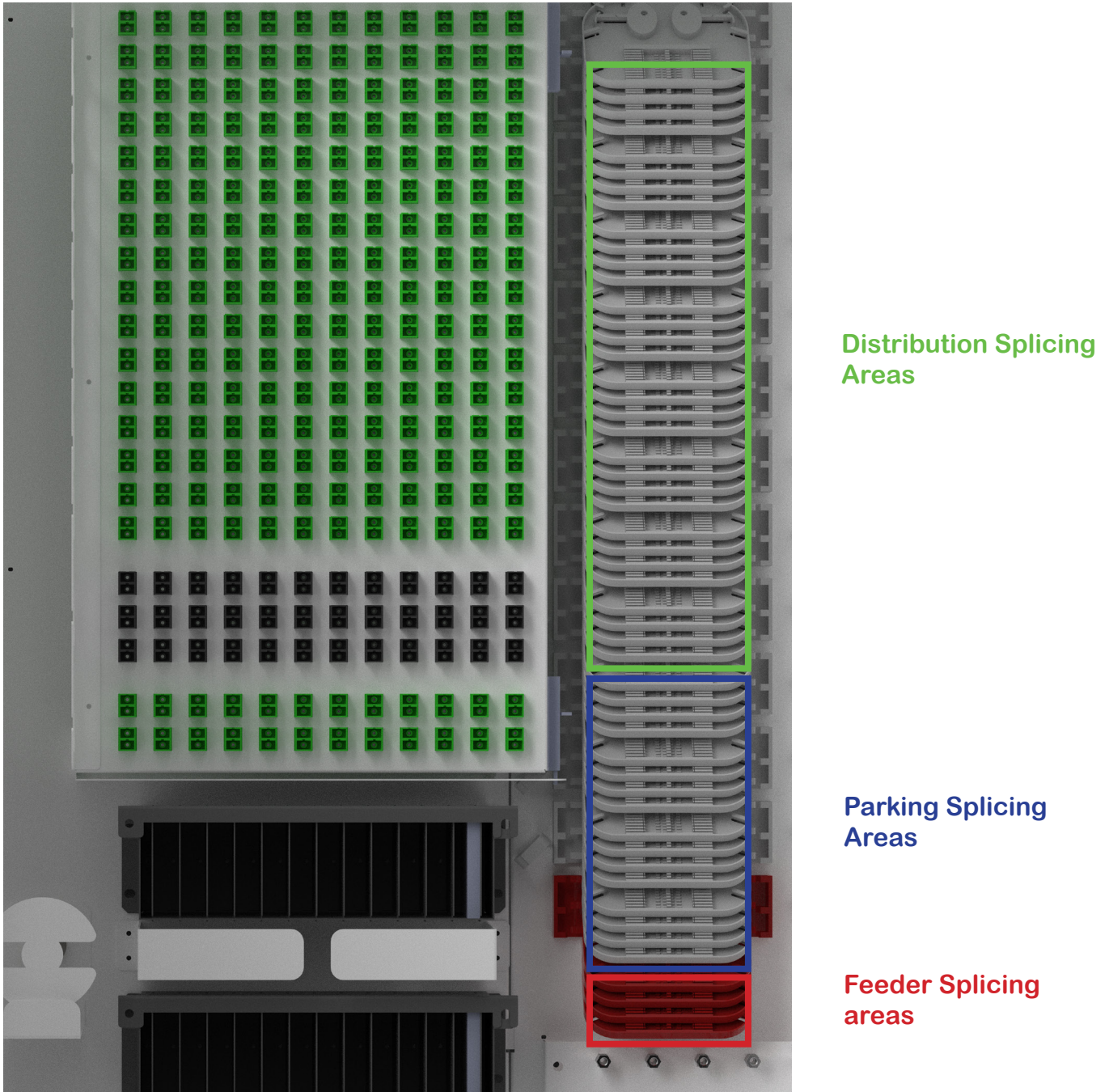
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Splicing Areas



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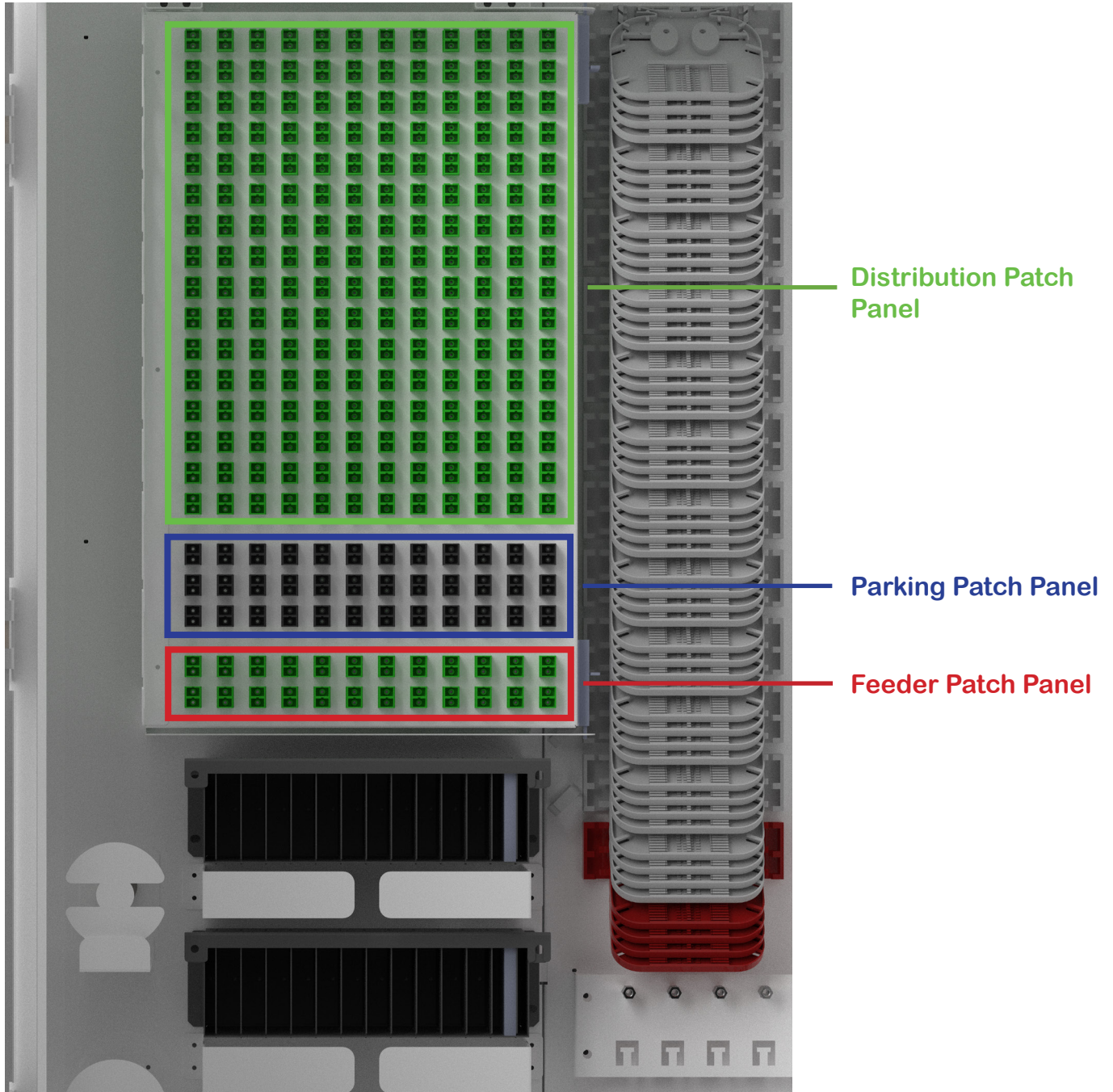
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Patch Panel Areas



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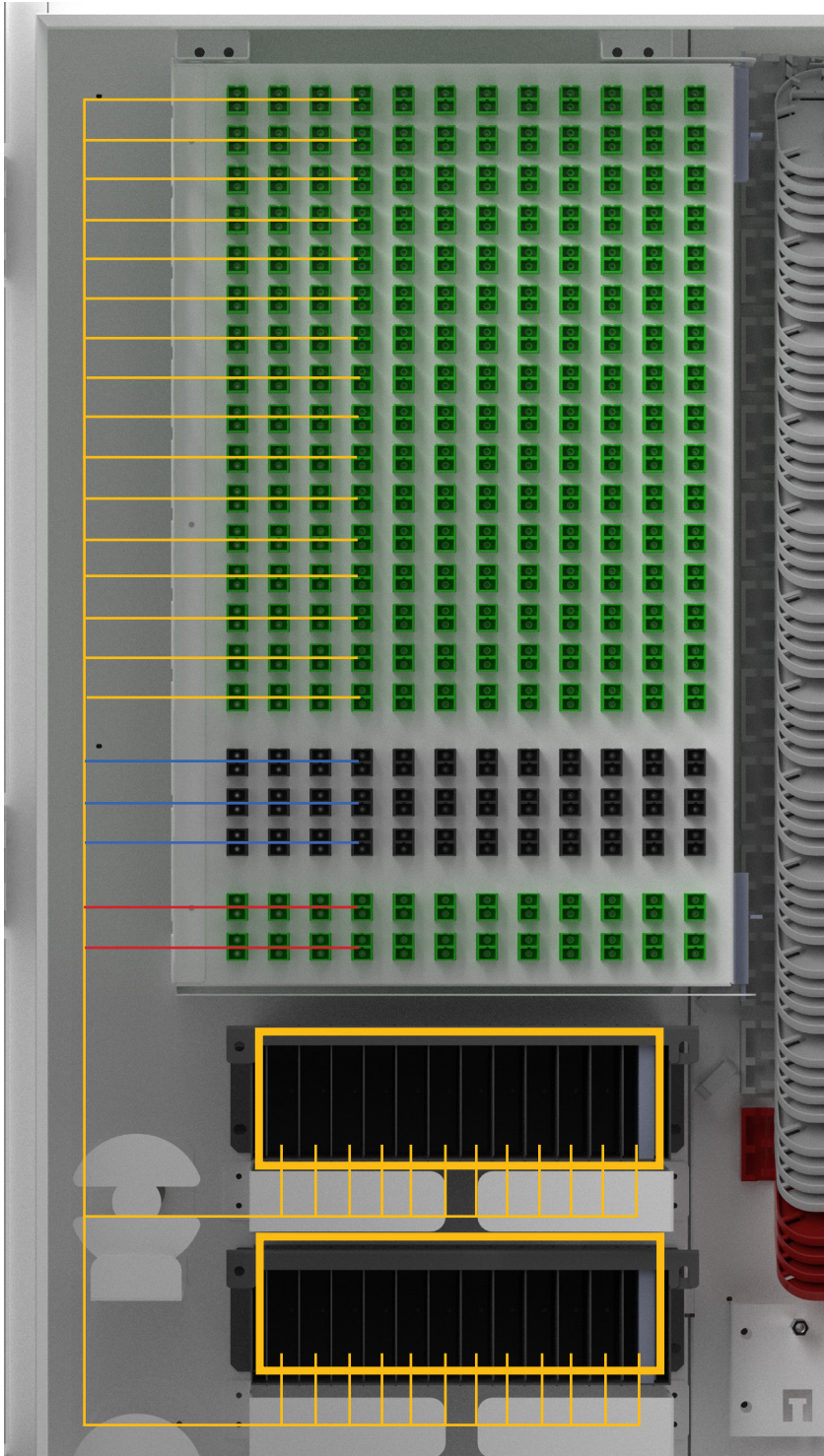
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Splitter Areas



Splitter Panel

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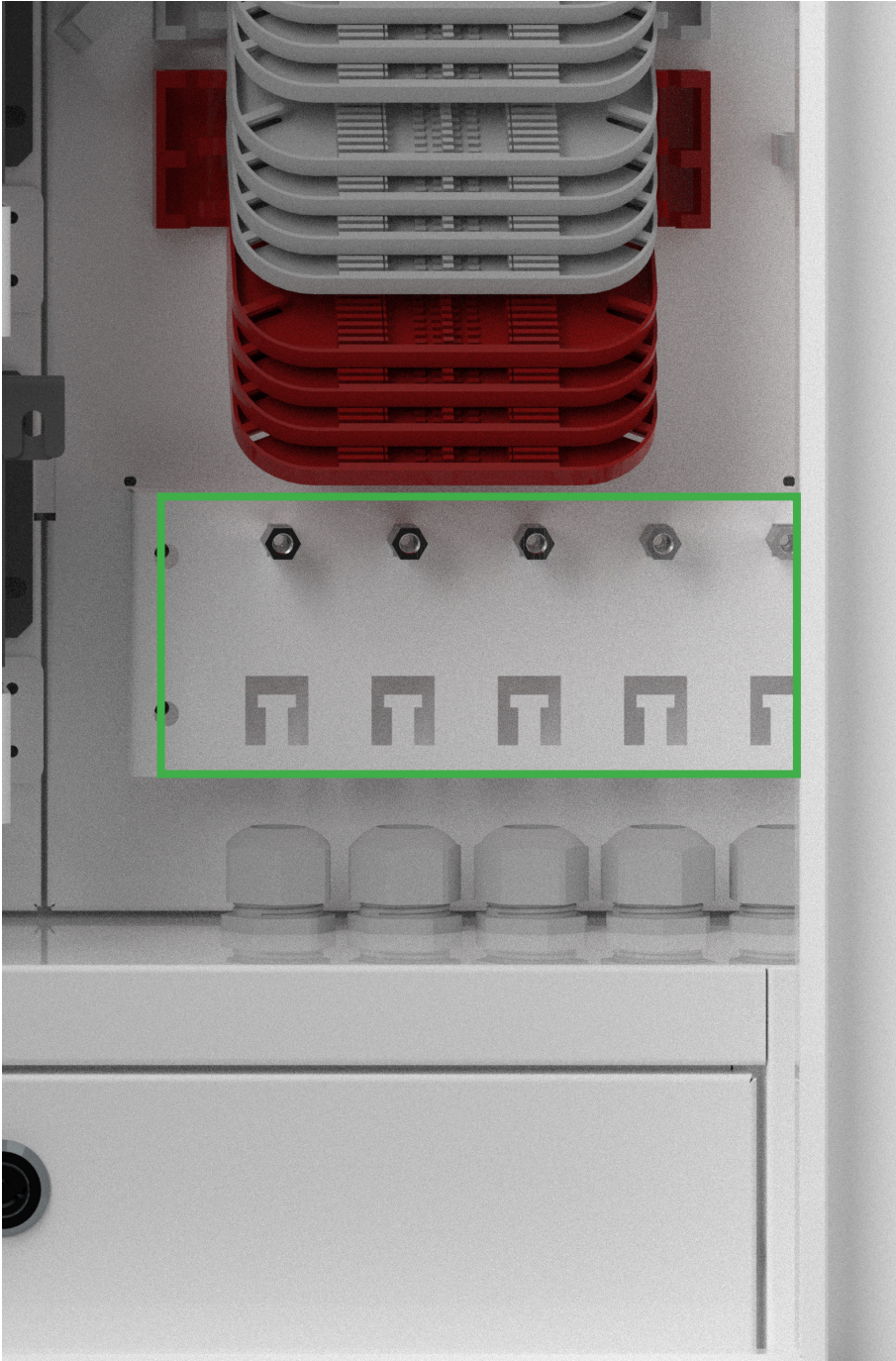
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Cables entry Areas



OSP Cables entry
Box with FRP and
holder

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OPTICAL CHARACTERISTIC

Pigtails/Patch Cord

Optical Characteristic	
Parameters	Specification
Operating Wavelength Insertion Loss	1260 ~ 1650 nm
Return Loss	Maximum 0.25 dB Typical: 0.12 dB. Minimum 60 dB for APC.
Operating Temperature	-10 °C ~ +75 °C
Fiber Standard	SM ITUT –G657A1 , G657A2 , G657B1 , G657B2
Fiber Connector /Adapter Standard	EIA / TIA and IEC Compliance

Splitter

Optical Characteristic	
Parameters	Specification
Fiber Type	Single Mode ITU-T G657-A2
Return Loss (dB) (-40°C~+85°C)	Min 55/50

ODFs & Splitter

Optical Characteristic	
Parameters	Specification
8 Distribution ODPs	8 x 48 Simplex Adapter ; Totally 384 End user
1 Feeder ODPs	48 Simplex Adapter
3 Parking ODPs	24 Simplex Adapter
Splitter Capacity	48 Splitter Box 1:8

PRODUCT CLASSIFICATION

Country Of Origin Jordan
Portfolio TechLine



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