DD-FAT

Base Product

Double Door Fiber Access Terminal

The Double Door Fiber Access Terminal (DD FAT) is engineered with a three-layer structure, featuring two distinct sections with separated locking mechanisms to isolate Home Pass and Home Connect segments. This design effectively mitigates potential service disruptions during installation and maintenance activities, thereby earning the designation "Double Door FAT" (DD FAT).
The DD FAT serves as an enclosure for the Level 2 (S2) splitter within the FTTX ODN architecture, facilitating connections between the Level 1 (S1) splitter and end-user connections. Its modular design accommodates various splitter capacities, including 2 x 1:8 or 1 x 1:16 pre-connectorized PLC tube-type splitters, making it adaptable for deployment in both high-density and low-density areas.

This enclosure is meticulously designed to house SC adapters and supports SC connectors, ensuring secure connections for splitters and customer drop cables. It enables individual link testing for operations and maintenance activities without affecting other links and subscribers.

The DD FAT supports optical fiber cables with diameters ranging from 10 mm to 12 mm for incoming cables through three ports, configurable as midspan or branching ports based on specific requirements. Additionally, it includes 16 ports designed for 2 mm x 3 mm flat drop cables and 5 mm to 6 mm round drop cables, organized into four sets of four cables each.
This versatile enclosure is compatible with various cable constructions and offers a distributed splicing capacity: 8 splices on the body, 18 under the tray, and 16 over the tray. This design facilitates separate handling of loose tube, 900-micron, and 250-micron fibers.

The DD FAT is suitable for both indoor and outdoor installations and can be mounted on walls or poles using appropriate accessories, making it an ideal choice for service providers seeking reliable and efficient fiber distribution solutions.

Product Classification

Regional Availability	Asia | Australia/New Zealand | India
Product Type	Access box
Product Series	FAT

General Specifications

Application	FTTH
Cable Capacity, Input	2 Round 10–12 mm (0.39–0.47 in)
Cable Capacity, Drop	16 Flat 2–3mm (0.08–0.12 in) Or 16 Round 5 –6mm (0.2–0.24 in)
Cable Capacity, Branch	1 Round 10–12 mm (0.39–0.47 in)
Cable Sealing Type	Compressed rubber
Enclosure Color	Gray

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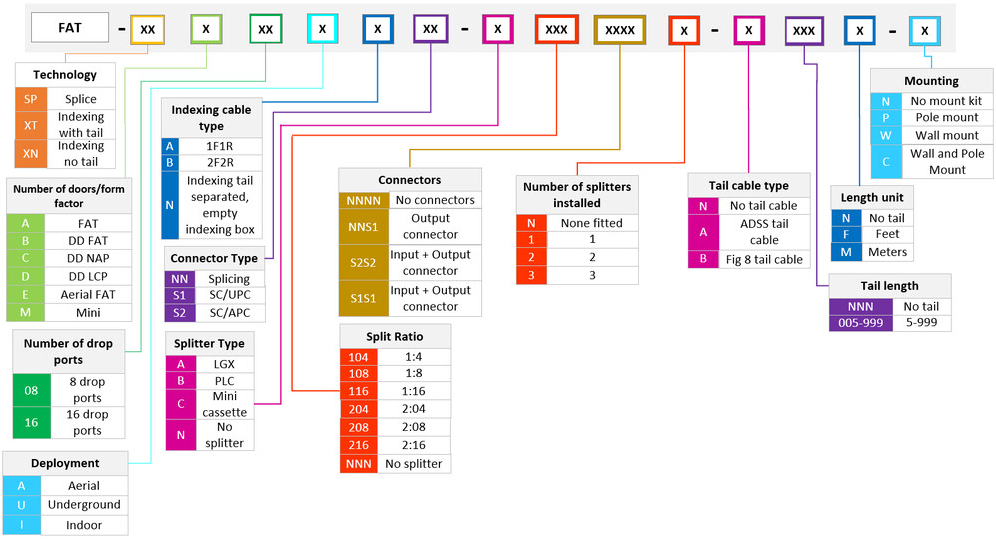
Front Cover Type	Hinged
Lock Type	Key lock, special
Mounting	Wall/Pole Mount
Port Type	SC/APC | SC/UPC
Splice Tray Included, quantity	1
Splicing Capacity, maximum	42
Splitter Type	1 x 16 | 1 x 8 | 2 x 16 | 2 x 8
Splitter, quantity	2

Dimensions

Height	334 mm | 13.15 in
Width	260 mm | 10.236 in
Depth	105 mm | 4.134 in

Ordering Tree



Representative Image

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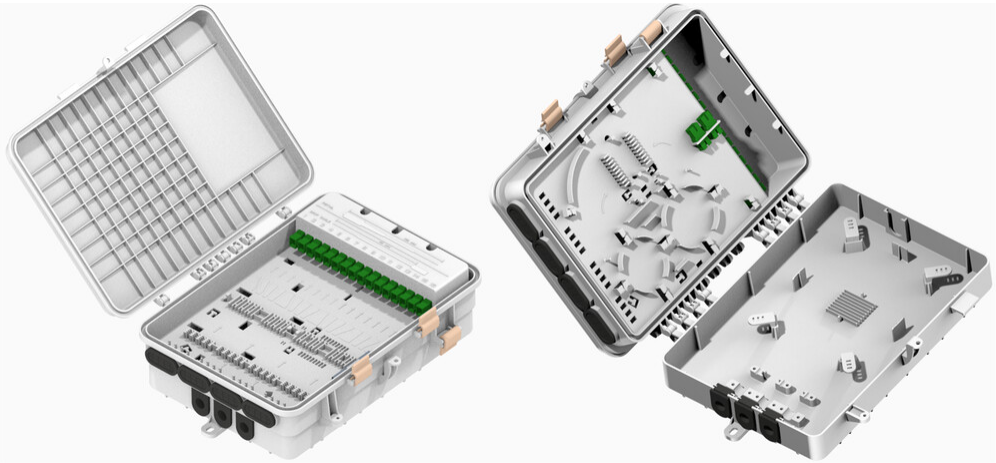

Material Specifications

Enclosure Material Type	ABS

Optical Specifications

Attenuation Cable Coefficient, maximum	0.30 dB/km @ 1550 nm | 0.40 dB/km @ 1310 nm

Environmental Specifications

Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Environmental Space	Indoor/Outdoor
Qualification Standards	IEC 60529, IP65
UV Resistance	UV stabilized

Packaging and Weights

Included	Accessory kit
Packaging quantity	1
Packaging Type	Box
Weight, net	1 kg | 2.205 lb

Regulatory Compliance/Certifications

Agency	**Classification**
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted

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