

FAT-AERIAL

Base Product



FAT Aerial Outdoor Fiber Access Terminal

The Aerial Fiber Access Terminal (Aerial FAT) is engineered with a single 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.

The Aerial 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 1 or 2 mini cassette splitters with splitting ratio of 1:8, suitable for deployment in both high-density and low-density areas.

This enclosure is meticulously designed to house mini cassette splitters with easy access to SC adapters ensuring secure connections for splitters and customer drop cables. The Aerial FAT supports round optical fiber cables with diameters ranging from 5 mm to 15 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. This enclosure is designed to handle 12F distribution cable with splicing capacity of 12 splices on the body. The Aerial 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. This S2 enclosure Aerial FAT serves the spliced fiber ODN in the FTTH network.

Product Classification

Regional Availability	Asia Australia/New Zealand India
Product Type	Fiber access box
Product Series	ODN

General Specifications

Cable Capacity, Input	3 Round 5.0–15.0 mm (0.19–0.59 in), 2 for Midspan and 1 extra for branching
Cable Capacity, Drop	16 Flat 2 x 3 mm (0.08 - 0.12 in)
Cable Clamps, quantity	3
Cable Sealing Type	Compressed rubber
Cable Type	All Dielectric Self Supporting (ADSS) Armored Figure 8
Compatible Interface	SC
Enclosure Color	Gray
Front Cover Type	Hinged with lock
Lock Type	Key lock, special
Mounting	Wall/Pole Mount

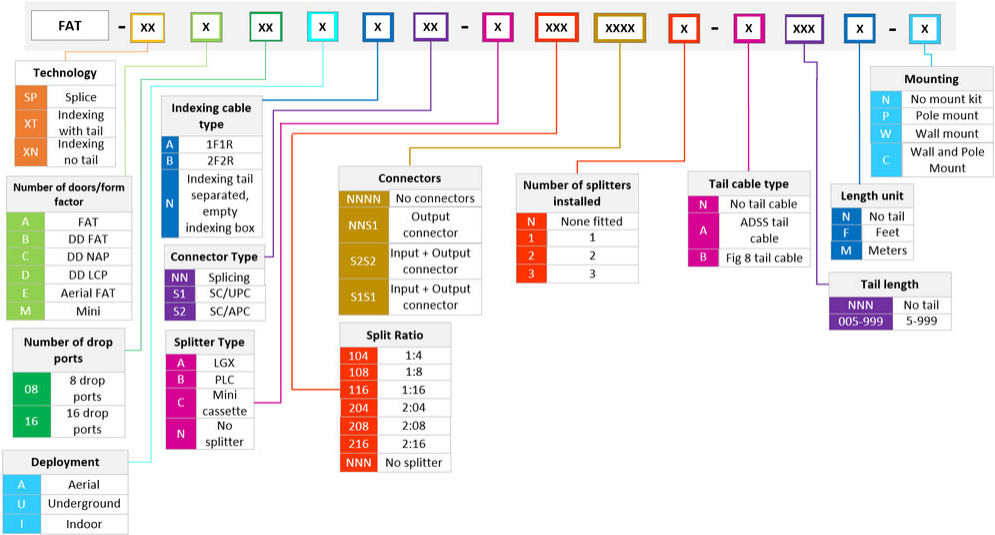
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Splice Tray Included, quantity	1
Splicing Capacity, maximum	12
Splitter Format, compatible	Mini cassette
Splitter Type	1 x 8
Splitter, quantity	2

Dimensions

Height	338 mm 13.307 in
Width	213 mm 8.386 in
Depth	79 mm 3.11 in

Ordering Tree



Material Specifications

Enclosure Material Type	ABS
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Optical Specifications

Fiber Type	G.652.D G.657.A1/A2
Attenuation Cable Coefficient, maximum	0.30 dB/km @ 1550 nm 0.40 dB/km @ 1310 nm

Environmental Specifications

Operating Temperature	0 °C to +65 °C (+32 °F to +149 °F)
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Storage Temperature	0 °C to +65 °C (+32 °F to +149 °F)
Environmental Space	Indoor/Outdoor
Flammability Rating	UL 94 V-1
Qualification Standards	IP65
UV Resistance	UV stabilized

Packaging and Weights

Included	Accessory kit
Packaging quantity	1
Packaging Type	Box
Weight, net	2 kg 4.409 lb

Regulatory Compliance/Certifications

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