

## Specification Sheet

Part Number: AFN-LAP



Aerial Fiber Node, 24 LC/APC SM Adapters & Pigtail, 1/pkg

**Article Number**

857-01548

**Type**

AFN-9999LCRP241/BK

**Color**

Black (BK)

**Features & Benefits**

- UV stable enclosure with IP55 (NEMA 4) sealing rating for long-term outdoor performance.
- Detachable lid prevents access and can also be snapped back to allow unrestricted access inside.
- Internal positive fiber management and fiber retention clips maintain a minimum 30 mm bend radius throughout, ensuring reliable data throughput.
- Separation of inbound fiber from connectorized drop cables keeps fragile areas protected.

**Quantity Per**

box

**Product Description**

The Aerial Fiber Node (AFN) is a wall or pole mounted distribution enclosure. It features three separate areas to manage inbound cable, fiber splices and drop cables (customer connection). The dedicated cable entry port supports both cable end and mid-span applications with loop storage capacity for up to 4 m of 144 fiber cable. The fiber splice management area has capacity for a maximum of 48 heat shrink splices. The tray features a crossover facility allowing for alternative routing direction and a fiber storage capacity of 1.5m for 250µm fiber. The drop cable management area supports a maximum of 6 PLC splitters (60 mm x 7 mm x 4 mm). The adapters are angled and spaced to allow for inspection prior to connection. Twelve anchor guides are provided for securing the drop cables (maximum diameter 4.2 mm). • 24-port capacity to support larger MDU applications. • Supports outdoor distribution and Passive Optical Network (PON) connections to accommodate any installation type.

**Short Description**

Aerial Fiber Node, 24 LC/APC SM Adapters & Pigtail, 1/pkg

**Global Part Name**

AFN-9999LCRP241/BK

**Technical Description**

The AFN - Aerial Fibre Node is manufactured from UV stable black polycarbonate with a completely detachable lid which can also be snapped back in to position using the snap back hinges allowing unrestricted access to all fibre management areas. The enclosure has 3 separate management areas for inbound cable, fibre splice management and drop cable (customer connection) management. The inbound cable management area has a dedicated cable entry port which supports both cable end and mid-span applications with loop storage capacity for up to 4m of 144 core fibre cable and the entry port is sealed with a cable entry kit to maintain the IP55 rating. The fibre splice management area has capacity for a maximum of 48 3A splices and maintains positive fibre management (30mm minimum bend radius) throughout. The tray has a crossover facility which allows for alternative routing requirements and a fibre storage capacity of 1.5m for 250µm fibre. The drop cable management area presents 24 LC APC Simplex adaptors for connection to industry standard pre-terminated drop cables and a maximum of 6 PLC splitters (60mm x 7mm x 4mm) can be fitted on the inside of the management area. The drop cable management area cover prevents access to the network cables and splicing area and the adaptors are angled and spaced to allow for inspection prior to connection. Twelve anchor guides are provided for securing the drop cables (maximum diameter 4.2mm) and an integral seal maintains the IP55 rating.

**Variant**

Outdoor FTTx Enclosures

**Width W (Imperial)**

6.97

**Width W (Metric)**

177

**Height H (Imperial)** 13.46

**Height H (Metric)** 342

**Depth D (imperial)** 3.54

**Depth D (metric)** 90

**Material** Polycarbonate (PC)

**Material Shortcut** PC

**Package Quantity(Imperial)** 1

**Package Quantity (Metric)** 1

**Customs Number** 8544493080