



FTTx Outdoor PON Distribution Box

Indoor / Outdoor optical distribution for up to 16 fibers SC or 32 fibers LC duplex (SC Footprint)

Overview

TTAF's indoor/outdoor wall mount fiber distribution boxes are designed to offer the most flexible solution for all FTTx applications. Suited to Pole or Wall mounting—the all in one flexible distribution box is the ideal fit for today's FTTx networks.

The All Passive optical Network Components are housed in a single enclosure that offers the highest level of cable management.

Applications

- Optical networks
- Enterprise
- FTTx

Primary Benefits

- Hinged Patch Area for dedicated Patching Field—Splicing is protected below in separate area.
- Large clear circuit identification all patch positions.
- Injection molded cable routing arrows to simplify installation.
- Hinged Patch Tray protects PON Components and Splice area.
- Split Cable Grommets make insertion of Pre-terminated Cables simple.
- Incoming universal cable clamp supplied as standard, including central strength Member retention.
- Splice Cassette supplied as 2x16 splice protectors.

Upper Section



Lower Section



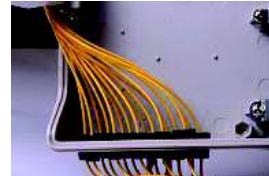
32x LC Duplex adapters



Fiber Fan-Out
(Pre-Terminated Splitters)



1x8 PLC Splitter w/ clamp



Drop Cable Clamps



Feeder Cable Clamp
(Multifiber or Simplex)

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Specifications

Mechanical

Dimensions 255 mm W x 310 mm H x 100 mm D

Weight Approximately 1.5 kg

Mounting Wall or Pole

Material ABS

Minimum bend radius 30 mm throughout box Laser radiation protection.

Adapter location prevents exposure

Connections

Termination count 16 per box for SC (Simplex) or 32 LC (Duplex)

Termination type SC, LC

Supported multifiber cables OSP and IFC (16mm Max)

Supported patch cables 2-3mm recommended

Drop Cable Strain Relief 5Kg Vertical Load

Environmental

Operating temperature -40° to 60° C

Operating humidity 0 to 90%, non-condensing

IP Rating IP 55 (IP 67 tests ongoing)

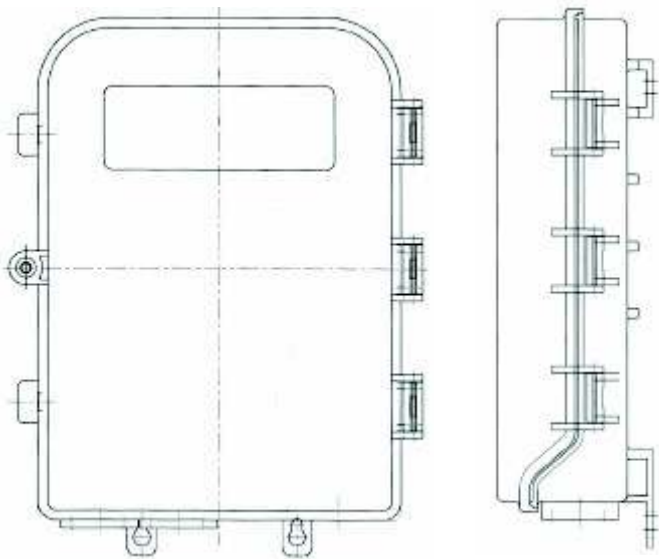
Vibration 10~55~10Hz / 10 min for 2 hours



Special Locking Mechanism

Dimensions

255 mm W x 310 mm H x 100 mm D



Ordering Information

1. Loaded with Pigtails
 - 8 FBR, SC/APC
 - 8 FBR, SC/UPC
 - 12 FBR, SC/APC
 - 12 FBR, SC/UPC
 - 16 FBR, SC/APC
 - 16 FBR, SC/UPC
2. Loaded with Pigtails and Splitters
 - 8 FBR, SC/APC, 1X8 SPLITTER
 - 8 FBR, SC/UPC, 1X8 SPLITTER
 - 16 FBR, SC/APC, 2X8 SPLITTER
 - 16 FBR, SC/UPC, 2X8 SPLITTER
 - 16 FBR, SC/APC, 1X16 SPLITTER
 - 16 FBR, SC/UPC, 1X16 SPLITTER

*Additional configurations available upon request.

