

Spliceable Optical Tap In-Line Splice with Pluggable Drop FTTx Distribution Enclosure



Amphenol's rugged **In-Line AMT** design combines the versatility of a splice closure with the convenience of a pluggable MST. It features up to **eight** pluggable drop ports and an easily accessible splice and storage compartment. The **re-enterable** enclosure enables fast, reliable drop connections while ensuring complete separation between construction and subscriber fibers.

The **securable** main splice area offers ample storage for fiber tubes or ribbons, a **well-organized** fiber raceway, and removable splice trays for streamlined fiber management. With IP68-rated ingress protection and dual-side cable entry points, the closure is ideal for **aerial, pedestal, wall, or underground vault** installations.

The **permanent gel** style cable seals ensure **drop-in** cable installations, avoiding the use of separate grommets.



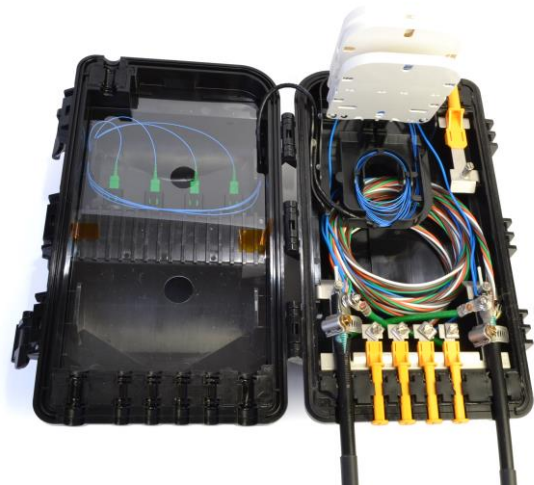
Key Features

- 2, 4 or 8 HFOC receptacles for drop cable connection
- Integrated PLC splitter: 1x2, 1x4, or 1x8
- Aerial, pedestal, or vault installation
- Gel style drop-in cable seal ports
- 3 removable splice trays, expandable to 4
- Accepts CST stranded and CLT ribbon fibers
- Suitable for dielectric or armored OSP cables
- Complete fiber management with internal slack storage



Applications

- Fiber to the Home (FTTH)
- Outside Plant (OSP) Networks
- Telecommunication Networks



PON – Spliceable Optical Tap

| | |
|-----------------|--------------------------------------|
| 964-99999-11047 | 2-Port In-Line AMT with 1x2 Splitter |
| 964-99999-11048 | 4-Port In-Line AMT with 1x4 Splitter |
| 964-99999-11049 | 8-Port In-Line AMT with 1x8 Splitter |

General Specifications

| | |
|------------------------|---|
| Enclosure Dimensions | 14.2" x 8.7" x 5.9" (360 x 222 x 150mm) |
| Splitter Options | 1x2, 1x4, 1x8 |
| Drop Ports (Pluggable) | 2, 4, or 8x H-Connector (SC/APC HFOC) |
| Color | Black |
| Splice Trays | 3 included, 1 extra tray slot, with single fiber splice inserts (12x 2.5mm or 24x 1.5mm HS splice sleeves per tray) |
| Bonding/Grounding | Cable: Shield bonding clamp with stud (2x included) |
| | Connection: Cable to enclosure - 6AWG stranded copper, jacketed cable with ring terminals (2x included) |
| Industry Standards | Telcordia GR-771 (enclosure) ; GR-3120 (HFOC) ; GR-326 (Endface) ; GR-1221 (splitter) ; IEC 60529 (Ingress) ; IEC 60695-11 (UL 94-V5) |
| Locking | Each latch accepts cable tie, wire cable seal or small padlock |

Feeder Cable

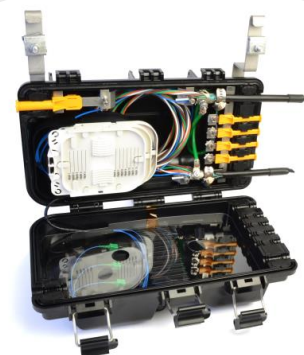
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| Feeder Cable Ports | 3 Ports 9.6–15mm [0.378" to 0.59" OD] |
| Feeder Typical Fiber Counts | 12-72f stranded CSM, up to 144 CLT ribbon |
| Feeder Cable types | Stranded CSM, CLT Ribbon ; Armored or Dielectric OSP cables |
| Feeder Cable Retention | 100 LBS |
| Feeder Cable internal fiber/tube storage capacity | 3 meters minimum [12x 12f cable sub-units or ribbon] |

Lateral/Drop Cable

| | |
|------------------------------|---|
| Drop/Lateral Cable Ports | 4 Ports 3mm to 5mm [.012" to 0.20" OD] round OSP, SST flat drop cable and mini flat drop cables |
| Lateral/Drop Cable Retention | 50 LBS |

Environmental and Industry Specifications

| | |
|--------------------------|-------------------------------------|
| Environmental Use | Handhole, Pedestal, Strand Mounting |
| Operating Temperature | -40°C to 60°C [-40° F to 140°F] |
| Installation Temperature | -18°C to +40°C [0°F to 104°F] |
| Storage Temperature | -40°C to 60°C [-40° F to 140°F] |
| Relative Humidity | 5% to 100%, Condensing |
| Ingress | IP68 (7 days, 10ft depth) |
| Impact | IK10 |

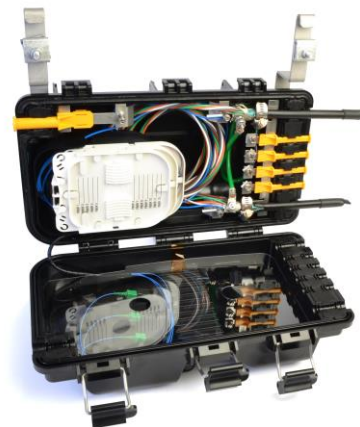


Optical Splitter Specifications

| Configuration | Operating Wavelength | Fiber Type | Insertion Loss | Split Ratio | Uniformity | PDL | Bare Splitter Loss | Termination Loss |
|---------------|----------------------|------------|----------------|------------------|------------|--------|--------------------|------------------|
| 1x2 | 1260-1650nm | G.657.A1 | ≤4.1dB | 50% even split | ≤0.5 dB | ≤0.2dB | ≤3.8 dB | 0.3 dB Max |
| 1x4 | 1260-1650nm | G.657.A1 | ≤7.5 dB | 25% even split | ≤0.6 dB | ≤0.2dB | ≤7.2 dB | 0.3 dB Max |
| 1x8 | 1260-1650nm | G.657.A1 | ≤10.8 dB | 12.5% even split | ≤0.8 dB | ≤0.2dB | ≤10.5 dB | 0.3 dB Max |

Parts Included:

| Item | Quantity |
|---|----------|
| In-line enclosure | 1 |
| Splice trays | 3 |
| PLC optical splitter (1x2, 1x4, or 1x8 installed) | 1 |
| Grounding kit (in accessory kit) | 2 |
| Ground wire assembly 9"(in accessory kit) | 1 |
| Ground wire assembly 14"(in accessory kit) | 1 |
| Hose clamp, 13mm to 23mm (in accessory kit) | 2 |
| Nut, Hex 1/4"-20 (in accessory kit) | 3 |
| Screw, Hex head 1/4-20 X 1/2"(in accessory kit) | 2 |
| Spiral Wrap, 3/16" x 11" (in accessory kit) | 1 |
| Cable Tie, 4" slim (in accessory kit) | 6 |
| Hook and loop fastener, 3/8" x 1.25"(in accessory kit) | 6 |
| Hook and loop fastener, 3/8" x 6"(in accessory kit) | 1 |
| Seal Plug, Large yellow – Feeder ports (in accessory kit) | 3 |
| Seal Plug, Small yellow - Drop/lateral ports (in accessory kit) | 4 |



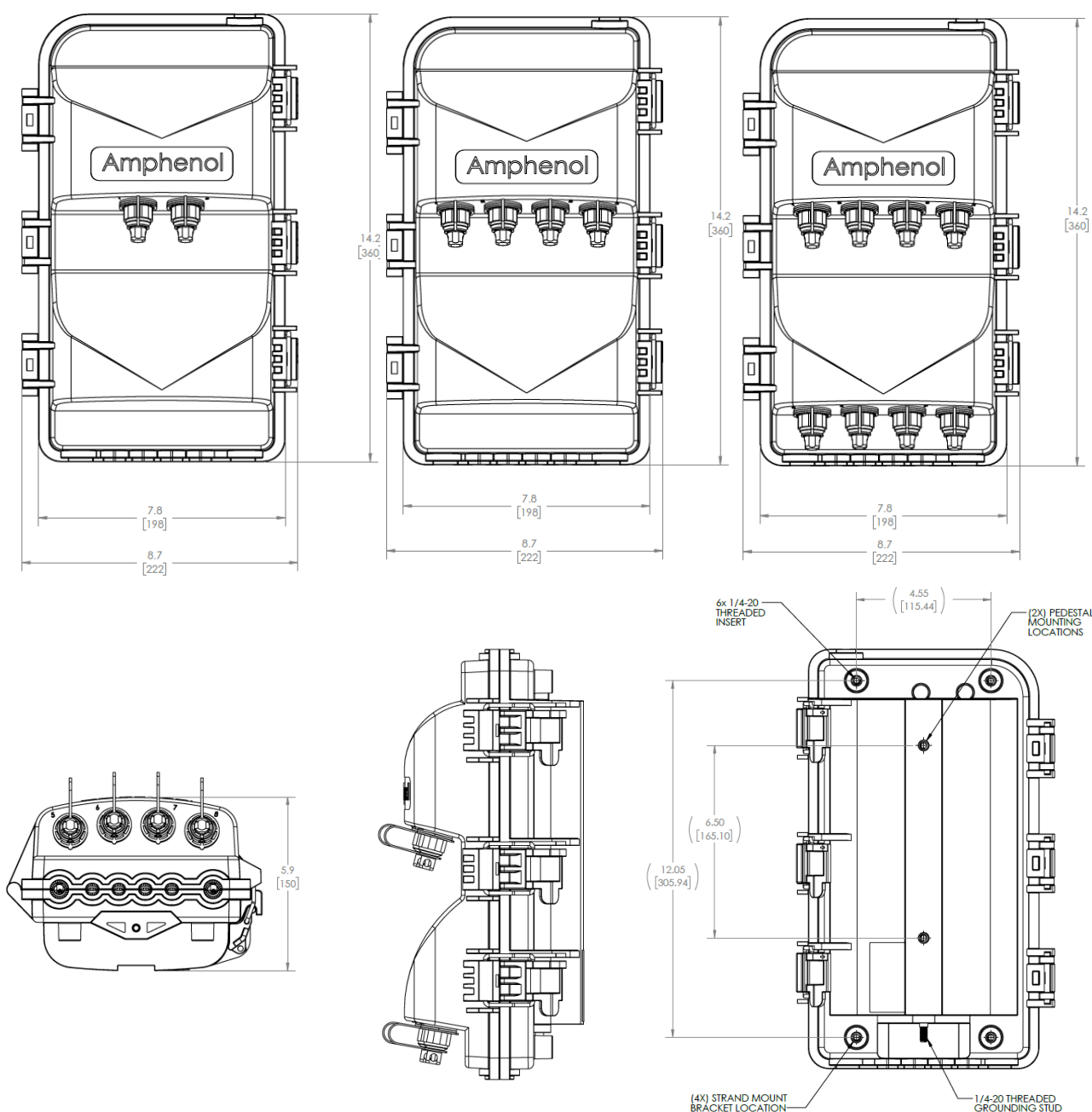
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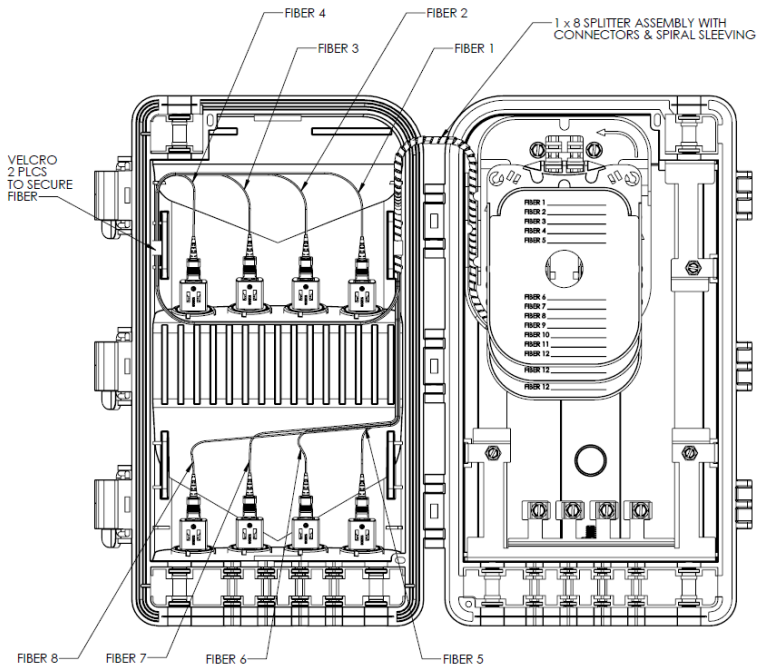
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Quick installation instructions

Drawing

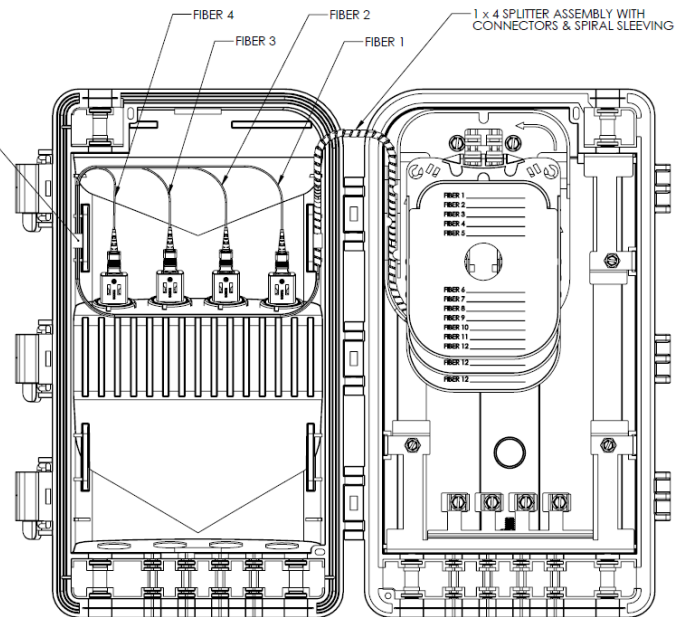


In-Line AMT

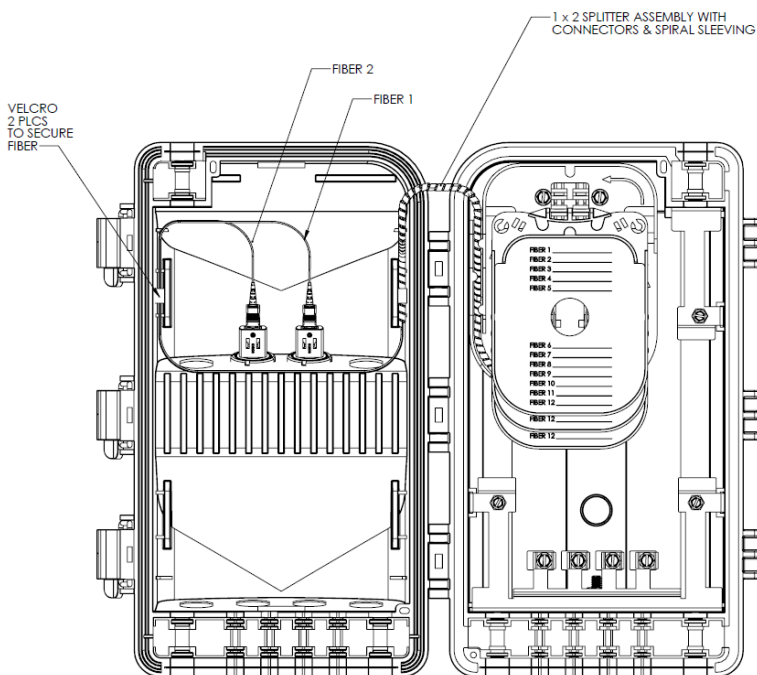
Drawing



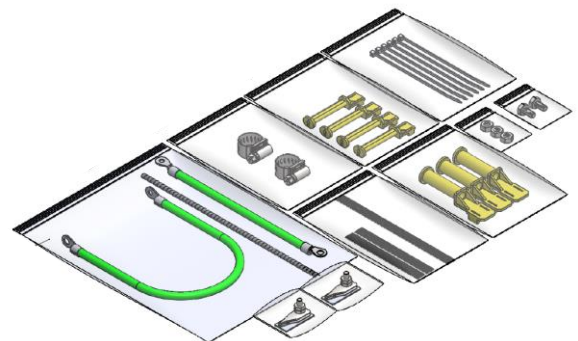
8-Port (open)



4-Port (open)



2-Port (open)



Accessory Kit

Accessory/replacement parts list

| Item | Part Number |
|---|-----------------|
| Aerial Strand mounting kit | 927-4194 |
| Splice tray with single fiber splice capability | 958-1105 |
| 900um SC/APC Pigtail, 2m | 942-90466-10002 |

