

## Telco All-In-One Cabinet, 144F, SC/APC, PNP Splitters, Dry Armored Loose Tube, 100 ft, 1x 144F Distribution Cable, w/o PSU

### Inside the Telco AIO Cabinet

The key to the Telco AIO is an innovative design that packs an amazing amount of functionality and capabilities into a surprisingly small footprint. Its approximate 48-inch height meets most local requirements while the compact footprint ( $\approx 48''$ h x  $48''$ w x  $28''$ d) enables right-of-way deployments per municipal standards.

Fully loaded, the cabinet design can support up to 8,192 customers (XGS-PON). So, you can support more customers with fewer cabinets and deploy them where others can't. Engineered with Gore vents, mesh drainage, and preinstalled foam grommets, it provides superior protection from the elements with available pad, vault, and riser mounting options. Telco AIO cabinets are designed to comply with GR-487-CORE and GR-3125 specifications.

### Active compartment features:

- Telco style rack/OLT mounting solutions
- 19" or 23" racking with 11 or 13RU of customizable open space (blanking panels included)
- Available with or without a rectifier/DC power supply
- Customer OLT configurations could potentially support 128 PON Port/SGs
- Preinstalled with 68 SC/UPC to SC/APC patchcords for split/passthrough use on the provided F2 distribution cable
- Includes 1x 15-amp GFCI Outlet & Interior LED Lighting (20-60V DC)
- Alarms for SPD, HVAC, High Temp, Heater and Intrusion "Normally Open"
- 2000W DC HVAC, 1RU Heater Tray, and Wall Mounted Battery Heater operating at <60dB
- DC battery backup via 7RU tray/cabling to support 1x string of 4x 48V DC VRLA batteries (customer provided)
- 30-amp 125/250 V GENERAC generator power inlet box supporting manual transfer switch use

### Passive compartment features:

- Preinstalled SC/UPC to SC/APC patch cords for splitter or passthrough connectivity
- 22 standard PNP splitter/WDM slots with single/dual/2xN splitter options
- Integrated slack storage with positive bend radius control
- Distribution field terminates 144f or 288f SC/APC fiber on CommScope's vetted Gen3E swing frame
- Fibers managed via vertical distribution and waterfalled optical device pigtails
- Parking lots hold and protect fiber splitter and passthrough outputs until needed
- Grounding stud installed for use with armored cable tone wire
- F2 cable assembly uses a 144 or 288-fiber loose tube cable (dielectric or armored) stub

### Accessories Available:

- Telco AIO Vault (MID: FMS-FD3J-KIT-B)
- 12" Stackable Riser (MID: 760257862)
- Pad Mount Frame (MID: 760255236)
- Power Meter Height Extension Accessory (MID: 760257082)
- Power Meter/Meter Socket Kit (MID: 760258129)
- Spare AIO Key (7/16" nut) (MID: 760256811)
- Pack of 20 Spare AIO Key Drivers (7/16" nut, thin walled) (MID: 760159038)
- AIO Side Car Replacement Roof Kit (MID: TBD)
- AIO CMC Replacement Roof Kit (MID: TBD)

## Product Classification

<b>Regional Availability</b>	North America
<b>Product Type</b>	Fiber distribution hub
<b>Product Series</b>	All-In-One
<b>Warranty</b>	Two years

## General Specifications

<b>Access</b>	Front   Rear   Side
<b>Accoustic Level, maximum</b>	60 dB
<b>Alarm Type</b>	Door alarm   HVAC alarms (including high temperature, failure)   Heater tray failure alarm   SPD alarm
<b>Auxiliary Power Input</b>	Yes
<b>Battery Storage</b>	7RU
<b>Cable Type</b>	Armored - Single Loose Tube
<b>Color</b>	Light Gray (RAL 7035)
<b>Distribution Cables, quantity</b>	1
<b>Distribution Ports, quantity</b>	144
<b>Fibers per Distribution Cable, quantity</b>	144
<b>Fibers per Feeder Cable, quantity</b>	0
<b>Interior LED light</b>	Both chambers
<b>Interface, Input</b>	SC
<b>Interface Feature, Input</b>	APC
<b>Lock Type</b>	Locking bolt   Padlock ready
<b>Mounting</b>	Handhole   Pad
<b>Mounting Options</b>	Rack Mounted
<b>Rack Storage</b>	13RU (adjustable to allow 19 or 23 in racking)
<b>Split Ratio</b>	Symmetrical
<b>Splitter Slots, quantity</b>	22
<b>Heat Management</b>	2,000 W HVAC

## Dimensions

<b>Height</b>	1216 mm   47.874 in
<b>Width</b>	1224 mm   48.189 in

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**Depth** 697 mm | 27.441 in

**Cable Length** 30.48 m | 100 ft

**Enclosure Size** Large

## Electrical Specifications

**Power Supply** Not included

**Power Supply Interface** Breaker Box (standard) | Generator Input (optional) | Meter Box (optional)

## Material Specifications

**Finish** Powder coated

**Material Type** Aluminum

## Environmental Specifications

**Environmental Space** Above ground

## Packaging and Weights

**Packaging quantity** 1

**Packaging Type** Pallet

**Weight, net** 249.929 kg | 551 lb

## \* Footnotes

**Warranty** For more information, please consult our Product Warranty guidelines