

SKU: 81.11K-ONT140WP-R6
Category:

ONT140W Power Module

The Tellabs 140W ONT is modular in design so that its Power Module, ONT Electronics and Faceplate can be purchased and installed separately. The ONT140W Power Module, with remote DC power termination, can be mounted into a single or dual-gang form factor. This modular design allows for separate installation of DC power and fiber cable during the rough construction phase, while ONT electronics, fiber connectivity and the ONT faceplate can be installed during the finish construction phase.

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Features

- Allows for elegant remote powering solutions with the ONT140W Power Module
- Modular design with separate Power Module (sold in 10-packs), ONT electronics and Faceplate
- Power Module can be installed in single-gang or dual gang electrical boxes
- Install Power Module, power cable, connect power, pull ONT fiber cable and attach SC-APC fiber connector during rough construction

Highlights

Modular Design

Power Module (sold in 10-packs) is part of 3-piece modular design of the ONT140W that also features ONT electronics and paintable/changable faceplate that are purchased separately.

Mounting and Powering

Power Module can be mounted in either standard single-gang or dual gang electrical boxes that are purchased separately. Remote powering is supported using a centrally located bulk power plant, emergency power and bulk battery back-up over composite single-mode fiber (greenfield), which provides two copper wires or repurposes existing CATx cabling (brownfield).

Asset Protection

A standard electrical box dust cover can be temporarily used during installation to protect the Power Module, cables and connectors until ONT electronics and faceplate are installed later in the project.

Future Expansion

Another benefit of the ONT Power Module is that it can be installed, and connected, in preparation for future growth considerations (cover with standard blank faceplate) without incurring the expense of purchasing ONT electronics and an ONT faceplate.

Specifications

Installation

- Mounting options: in-wall, single-gang box, dual-gang box
- OLTs supported: OLT1150, OLT1150E, OLT1134AC, OLT1131

Software Support

- Tellabs Panorama PON Manager
- Holds two versions of software with image integrity checking and automatic rollback
- Minimum base software SR28 and higher

Management

- ONT has no local management access
- Tellabs Panorama PON Manager

Environmental

- Relative humidity: 5% to 85%, noncondensing
- Temperature: 0C / +32F to +40C / +104F

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Power

- ONT Power Connector: Phoenix
- Max Draw at ONT (Amps): 1.3A
- Consumption w/PoE Max (Watts): 72W
- Consumption w/o PoE Max (Watts): 8W
- Consumption Idle (Watts): 5W
- Input at ONT (Volts): 48-56Vdc

Physical

- Weight: base 1.0 lb
- Depth: base 1.28 in
- Width: base 1.85 in
- Height: base 2.56 in

General

- The development, release, and timing of features or functionality described for Tellabs products remains at Tellabs sole discretion. The information that is provided within this data sheet is not a commitment nor legal obligation to deliver any material, code or functionality.

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