

RMT30

Remote Multiservice Terminal

Product Overview

The RMT30 (Remote Multiservice Terminal) is a sealed, climate controlled cabinet that protects Allied Telesis access equipment from water, dust and all other outdoor elements. The RMT30 is one of a choice of nine sizes of cabinets and lets service providers select an exact match for their needs, with the assurance that Allied Telesis integrates the Multiservice Access Platform and associated equipment before shipment.

Capacity

The RMT30 cabinet can accommodate up to four MiniMAP 9100s, two iMAP 9400s, or one iMAP 9700. Initial capacity needs can be met and the design allows for future growth. Allied Telesis will work with service providers to find an ideal cabinet size with port counts ranging from small to large sized applications for POTS, DSL or FTTx deployments. The Allied Telesis equipment will then be integrated into the cabinet and shipped.

Turnkey System

The RMT30 cabinets include Allied Telesis integrated Multiservice Access Platforms (iMAPs), AC Load centers, and DC power plants. POTS splitters, cable management and other accessories are also installed in the cabinet and tested before shipment. This reduces on-site staging and the chance for installation errors.

Connectivity

The RMT30 supports POTS, ADSL/ADSL2+, VDSL2 and fiber, as well as mixed POTS, ADSL/ADSL2+, VDSL2 and fiber deployments. The RMT30 is unique in its use of high performance CAT5 cabling for ADSL2+ and VDSL2 applications. This reduces noise and crosstalk to improve overall performance, paving the way to higher reliability and more service choices. Service providers can expect to see improved rate vs. reach as a result of the optimized cabling schemes.

Flexibility

The RMT30 uses an expandable power supply system that supports entry-level needs and easily grows to support additional demand. Battery back-up, battery heaters, pad/pole mounting kits, integrated cross connects and copper protection is optional.

Reliability

The RMT30 meets Telcordia GR-487 standards. Battery compartments are sized to accommodate up to a 150 amp hour battery strings providing for eight hour battery back-up. The enclosures require little, if any, maintenance for fans and filters.

Key Features

- Integrated environmentally controlled cabinet for Outside Plant (OSP) deployments
- Integrated power supplies and Allied Telesis integrated Multiservice Access Platforms
- A range of OSP cabinet sizes and configurations sized to meet deployment needs
- Supports POTS, ADSL2+, VDSL2, legacy telephony and fiber FTTx deployments
- Sealed design with efficient, low maintenance environmentally controlled cooling
- Meets Telcordia GR-487 requirements
- Optional batteries, battery heater, generator connector, integrated cross connect and other cabinet accessories
- Optional CAT5 wiring between all cabinet components

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Technical Specifications

Physical Characteristics

Dimensions 110.7 x 186.5 x 71.6cm (w/o SAI)
(W x H x D) 43.59 x 73.42 x 28.2in

140.8 x 186.5 x 71.6cm (with SAI)
55.45 x 73.42 x 28.2in

Weight 145kg (320lbs)

Enclosure Mounting

Pad or pole

Mounting Space

52in (29RU)

Hole Spacing on Racks

One inch

Rack Widths

23in EIA std

Center Mounting

Standard 12in deep

Heat Exchanger

One

Temperature

Fan turns on 37°C (100°F)

High temp. alarm 65°C (150°F)

Heat dissipation 1200W

AC System

Eight position AC load center

Convenience Outlets

One in equipment chamber

Battery Heater Pad

Optional

Compatible Batteries

4 x 48vDC

Battery Amp-hour Reserve

150 AMP hours

Padlockable

216-type tool

Intrusion Alarm

Local with remote location options

Bonding and Grounding

2 10-position dual-holed

L49 copper buss, 3/16in

Cable Entrance

3 x 2.5in cable cones

Protect Field

Up to 600-pair

Cross Connect Field

Up to 1200-pair

Ordering Information

AT-TN-R015-A	Cable, alarm, 10ft
AT-TN-R016-A	Fiber tray
AT-TN-R018-A	RMT20/30 mounting template with SAI pad
AT-TN-R020-A	RMT20/30 battery heater pad
AT-TN-R022-A	Hubbel con for external generator, 30A
AT-TN-R023-A	RLS block, 50-pair, CAT3, 3M MS2 conns
AT-TN-R024-A	Battery (1) 12vDC, 155AH, front post
AT-TN-R027-A	Bullet breaker, 30A
AT-TN-R028-A	Protection block, 200PR, CAT5, 3M MS2 conns
AT-TN-R030-A	Valere power bundle
AT-TN-R031-A	25A rectifier
AT-TN-R032-A	Rectifier controller, LAN capable
AT-TN-R034-A	200-pair copper protection - wired with CAT 3 cabling and connectorized with 3M MS2 connectors
AT-TN-R035-A	50-pair RLS block wired with CAT 5 cabling and connectorized with 3M MS2 connectors
AT-TN-R037-A	Pad mount template for RMT20/RMT30 without SAI
AT-TN-R038-A	Pole mount kit for RMT20/RMT30, with SAI
AT-TN-R039-A	Pole mount kit for RMT20/RMT30, without SAI
AT-TN-R041-A	RMT-30 without SAI enclosure
AT-TN-R042-A	RMT-30 with SAI enclosure
AT-TN-R051-A	20A rectifier
AT-TN-R053-A	10A rectifier

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