

RMT60

Remote Multiservice Terminal

Product Overview

The RMT60 (Remote Multiservice Terminal) is a sealed, climate controlled cabinet that protects Allied Telesis access equipment from water, dust and all other outdoor elements. The RMT60 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 RMT60 cabinet can accommodate up to 10 MiniMAP 9100s, five iMAP 9400s, or two iMAP 9700s. 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 enclosure and Allied Telesis equipment will then be integrated and shipped.

Turnkey System

The RMT60 includes Allied Telesis integrated Multiservice Access Platforms (iMAPs), a DC power plant, 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 RMT60 supports POTS, ADSL/ADSL2+, VDSL2 and fiber, as well as mixed POTS, ADSL/ADSL2+, VDSL and fiber deployments. The RMT60 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 RMT60 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 protection systems are optional.

Reliability

The RMT60 meets Telcordia GR-487 standards. Battery compartments are sized to accommodate up to two 170 amp hour battery strings providing for eight hour battery back-up. The cabinets 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, xDSL, 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

RMT60 | Remote Multiservice Terminal

Technical Specifications

Physical Characteristics

Dimensions 111.8 x 182.4 x 106.7cm
(W x H x D) 44 x 71.8 x 42in

Weight 363kg (800lbs)

Enclosure Mounting

Pad

Mounting Space

118.5in (54RU)

Hole Spacing on Racks

One inch

Rack Widths

23in EIA std

Center Mounting

Standard 12in deep

Heat Exchanger

One

Temperature

Fan turns on 32°C (90°F)

High temp. alarm 65°C (150°F)
Heat dissipation 2400W

AC System

Eight position AC load center

Convenience Outlets

Two in equipment chamber
One in power chamber

Battery Heater Pad

Optional

Compatible Batteries

8 x 48vDC

Battery Amp-hour Reserve

Up to 340 AMP hours

Padlockable

216-type tool

Intrusion Alarm

Local with remote location options

Bonding and Grounding

1 10-position dual-holed
L49 copper buss, 3/16in

Cable Entrance

3 x 2.5in cable cones

Protect Field

Up to 800-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-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-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-R043-A	RMT60 with 2400 Watt heat exchanger
AT-TN-R044-A	RMT60 MESA 2 NxT wide body with 2400 Watt heat exchanger
AT-TN-R045-A	RMT60 SAI upgrade kit including swing frame and mounting hardware
AT-TN-R046-A	400-pair copper protection - wired with CAT 3 cabling and connectorized with 3M MS2 connectors
AT-TN-R047-A	400-pair copper protection - wired with CAT 5 cabling and connectorized with 3M MS2 connectors
AT-TN-R048-A	RMT60 battery heater pad
AT-TN-R049-A	External hubbel generator connector - 60A
AT-TN-R050-A	SAI pad mount template for RMT60
AT-TN-R051-A	20A rectifier
AT-TN-R053-A	10A rectifier
AT-TN-R138-A	Valere DC power package for two or more iMAP 9700 chassis

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