

RMT20

Remote Multiservice Terminal

Product Overview

The RMT20 (Remote Multiservice Terminal) is a sealed, climate controlled cabinet that protects Allied Telesis access equipment from water, dust and all other outdoor elements. The RMT20 is one of nine sizes of cabinets and offers service providers the opportunity to select an exact match for their needs, with the assurance that Allied Telesis integrates the Multiservice Access Platform (iMAP) and associated equipment before shipment.

Capacity

RMT20 cabinet is sized to accommodate initial capacity needs and allow 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, xDSL or FTTx deployments. The Allied Telesis equipment will then be integrated into the cabinet and shipped.

Turnkey System

The RMT20 cabinets include Allied Telesis integrated Multiservice Access Platforms (iMAPs) but also DC power plants, POTS splitters, cable management and other accessories. This equipment is installed in the RMT20 and tested before shipment. This reduces on-site staging and the chance for installation errors.

Connectivity

The RMT20 supports POTS, ADSL/ADSL2+, VDSL2, and fiber; as well as mixed POTS, ADSL/ADSL2+, VDSL2, and fiber deployments. The RMT cabinets are unique in their use of high performance CAT5 cabling for ADSL2+ and VDSL2 applications. The optimized cabling scheme 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 RMT20 use 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 pair protection is optional.

Reliability

The RMT20 meets Telcordia GR-487 standards. Battery compartments are sized to accommodate up to 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+ and legacy telephony along with 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 151.8 x 71.6cm (w/o SAI)
(W x D x H) 43.59 x 59.75 x 28.2in

140.8 x 151.8 x 71.6cm (with SAI)
55.45 x 59.75 x 28.2in

Weight 113kg (250lbs)

Enclosure Mounting

Pad or pole

Mounting Space

38in (21RU)

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 900W

AC System

Eight position 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 400-pair

Cross Connect Field

Up to 400-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-R021-A	RMT20 with SAI enclosure
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-R033-A	RMT20 without SAI enclosure
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-R036-A	Qty (1) -12vDC 100 A-hr front post batteries
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-R051-A	20A rectifier
AT-TN-R053-A	10A rectifier

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