

# RMT191 ID-E and RMT191 ID-B

## Remote Multiservice Terminal

### Product Overview

The Allied Telesis Remote Multiservice Terminal 191 Indoor Electronics (RMT191 ID-E) is a cabinet that provides mechanical protection for the Allied Telesis integrated Multiservice Access Platform (iMAP™) and the DC power plant. The Remote Multiservice Terminal 191 Indoor Battery (RMT191 ID-B) is the same cabinet but is designed to support the necessary battery back up for the Allied Telesis MiniMAP™ 9100. These cabinets are designed for indoor applications only where mechanical protection and security is required. The cabinets do not protect against temperature extremes, dust or water as they are ventilated cabinets and do not have fans or filters.

### Capacity

The RMT191 ID-E accommodates one MiniMAP 9100 chassis. The cabinet is also equipped with a rectifier shelf to provide DC power for the iMAP, provide interconnectivity to the battery backup and power to maintain the battery back up which is housed in the RMT191 ID-B cabinet. The MiniMAP 9100 chassis supports the following quantities of services:

- ▶ Up to 72 active Ethernet FTTx
- ▶ Up to 24 10/100TX Ethernet ports
- ▶ Up to 72 GbE circuits
- ▶ Up to 72 POTS
- ▶ Up to 72 ADSL2+
- ▶ Up to 48 POTS with 24 ADSL2+ combo
- ▶ Up to 24 T1/E1 circuit emulation service
- ▶ Up to 192 GEAPON (32:1 split)
- ▶ Up to 72 VDSL2

### Connectivity

The RMT191 ID-E is designed to support both copper and/or fiber feeder and distribution to an external termination within the customer's building.

### Flexibility

The RMT191 ID-E is a small footprint cabinet that is wall-mounted. It is designed for indoor applications only where mechanical protection is desired such as MDUs, condominiums and small business applications. The RMT191 ID-E comes with a separate battery back up cabinet, the RMT191 ID-B.

### Reliability

The RMT191 ID-E and RMT191 ID-B is designed to provide mechanical protection for the iMAP and the battery back up. The battery back up is sized to support the iMAP for up to eight hours based on maximum power usage design. DC power plants provide for redundant rectifier capability, battery monitoring, low voltage disconnect and thermal run away protection.

### Technical Specifications

#### Physical Characteristics

The following characteristics are identified for each cabinet.

#### Enclosure Mounting

Wall or floor

#### Rack-Mounting Space

The RMT191 ID-E and RMT191 ID-B each have eight rack units of space.

#### Hole Spacing on Racks

1.75 inch

### Key Features

- ▶ Integrated power supply and Allied Telesis Multiservice Access Platform
- ▶ Security for equipment
- ▶ Mechanical protection for equipment
- ▶ Wall-mountable equipment cabinet
- ▶ Floor- or wall-mountable battery cabinet

#### Rack Widths

19 inch

#### Protect Field

No protection is provided

#### Cross Connect Field

No cross connect field is provided

#### Fiber Termination

Fiber termination external to the cabinet

#### Locking Mechanism

7/16" hex security quarter turn mechanism with padlock capability

### Ordering Information

AT-TN-R053-A	10 amp rectifier module
AT-TN-R095-A	50 amp bullet breaker
AT-TN-R120-A	RMT191 cabinet with battery PED
AT-TN-R121-A	24-inch riser for RMT191
AT-TN-R142-A	Rectifier controller
AT-TN-R144-A SPC	24 fiber termination/splice shelf
AT-TN-R145-A SPC	72 fiber termination/splice shelf
AT-TN-R150-A	50-pair port panel and 100-pair cross conn panel
AT-TN-R151-A	60AH battery string