

ASM-MN-214

Chassis for Short Range Modems



High density 19-inch modem rack

- Any combination of up to 14 modem cards
- Fiber optic and copper wire modems in a single modem rack
- Hot swapping of cards and power supplies
- Optional power feeding from different sources (AC or DC)
- Separate power supplies for full redundancy

ASM-MN-214 is a 19", 4U high, rack-mount chassis for short range modems. The chassis accommodates up to 14 FOM-20/R, RIC-E1/R or RIC-T1/R cards.

Cards can be removed or inserted during operation without interference to operation of other cards.

ASM-MN-214 provides a cost effective and reliable concentration point for multiple baseband links supporting last mile or campus applications.

ASM-MN-214 can be powered from either AC or DC power sources, or from both. Each power supply supports a full rack of cards, regardless of type. The chassis accommodates two separate power supplies that back up each other in case of failure. Each power supply can be replaced during operation without affecting the operation of other modems (hot swapping).



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Specifications

Number of Slots

14 slots for cards

Power

115 or 230 VAC ($\pm 10\%$), 100W
47–63 Hz
48 VDC, 150W, 42–64 VDC
24 VDC, 150W, 18–32 VDC

Connectors

Line: 14 5-screw, snap-type terminal blocks
DTE: 14 25-pin, D-type female connectors

Physical

Height: 18.0 cm (7.0 in) (4U)
Width: 48.2 cm (19.0 in)
Depth: 26.7 cm (10.4 in)
Weight: 3.6 kg (7.9 lb) (chassis only)

Environment

Temperature: 0°–50°C (32°–122°F)
Humidity: up to 90%, non-condensing

Ordering

ASM-MN-214/#/*/&

Legend

Main power supply:
115 115 VAC
230 230 VAC
48 48 VDC
24 24 VDC

* Redundant power supply:
115 115 VAC
230 230 VAC
48 48 VDC
24 24 VDC

& Line connector:
(Default = terminal block)
RJ RJ-45
BNC A pair of BNC

ASM-214-PS/*

Additional (redundant) power supply

SUPPLIED ACCESSORIES

AC power cord (with AC power supply only)

DC adapter plug (with DC power supply only)

OPTIONAL ACCESSORIES

ASM-MN-214-BP

Blank panel for ASM-MN-214

Table 1. Cards for ASM-MN-214

Module Type	Module Name	Main Features
Fiber optic modem	FOM-20/R	19.2–256 kbps, fiber optic
Interface converter	RIC-E1/R, RIC-T1/R	E1/T1

Note: See specific data sheets for details on each card.

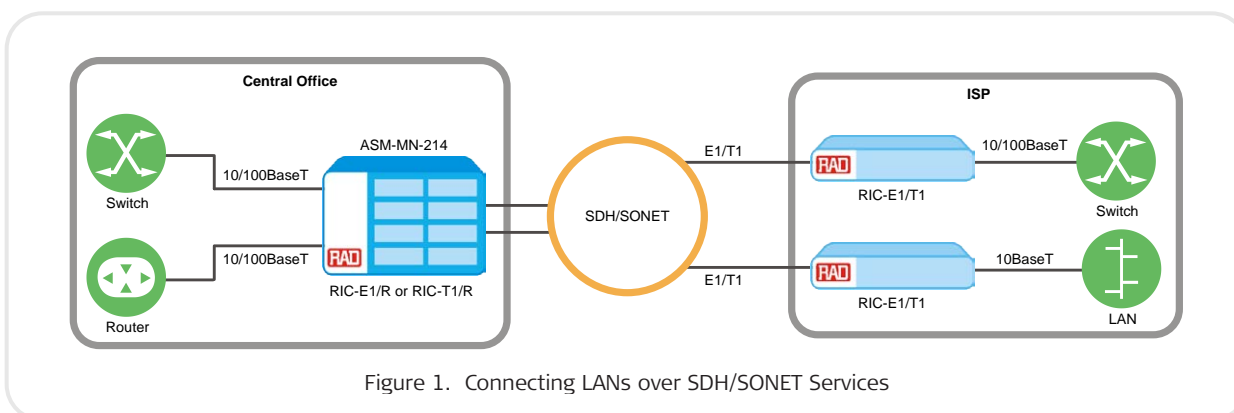


Figure 1. Connecting LANs over SDH/SONET Services

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