In-Door Unit

Out-Door Unit

155 Mb/s Line

E1 Wayside

User Channel

MUX

MODEM

CABLE COMBINER

CABLE

CABLE COMBINER

T/R MODULE

ANTENNA

CONTROLLER

POWER SUPPLY

POWER SUPPLY

CONTROLLER

- 48 V

NMS Station

FibeAir 1500 - Block Diagram

Outdoor/Indoor Units
Block Diagrams

Power Supply Unit

IF module

Synthesizer

MMW Converter

IDU

Σ

Central Processing Unit

-48VDC / -60VDC

Power Supply Unit

155Mb/s — **Line**

2Mb/s — **Wayside**

64kb/s — **User**

MUX

FEC + ATM

MODEM 16 QAM

DAC

ADC

Σ

ODU

SLIP / Ethernet

Terminal

Central Processing Unit