

ATX

Addressable Transmitter



The Addressable Transmitter (ATX), located at the headend, accepts converter control data from the iCentral Control Computer and transmits the data over the cable system. The unit controls SMI addressable interdiction units. The unit also controls S-A 8580 and Series 8500 Home Terminals. Output data is transmitted as an FSK-modulated digital signal at the data rate of 19,200 bits per second. It operates at a standard frequency of 108.2 MHz. One ATX is required in each headend. Two ATX 's can be installed in tandem for system redundancy at each site.

○ Features & Benefits

- Controls SMI Interdiction Units and S-A 8500 and 8580 Home Terminals
- FSK Modulated Data Carrier Output 108.2 MHz

○ Specifications

Input

Data Rates: 110,150,300,600,1200,2400,4800,9600 bps

Host Computer Interface

Data Type: Asynchronous

Transmit Mode: Half duplex

Protocol: Custom

Output

Carrier Frequency:

108.2MHz (Other frequencies available by special order)

Frequency accuracy: $\pm 0.0010\%$

Channel spacing: 400 kHz

Signal level: +25 to +45 dBmV (adjustable)

Modulation: FSK

Peak deviation: 30 kHz (nominal)

Data Format: Bi-phase coded

Data rate: 19,200 bps

Power Requirements

Input voltage: 115 V AC (nominal)

Power consumption: 50 Watts (max)

Environmental

Temperature: 0 to +50 degrees C, +32 to +122degrees F

○ Ordering Information

Model	Stock No.	Description
SMI-ATX-8653	464205	SMI Addressable Transmitter 108.2 MHz Data Carrier

Order From:



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