



## Specifications

### Physical

Dimensions	8.5"H x 5.25"W x 1.0"D	
Materials	Lightweight aluminum alloy with satin-black finish.	

### Transmitter

	Typical	Worst Case
Frequency Range	4-20MHz	5-15MHz
Input Impedance		
Differential	78ohm	76-80ohm

### Transmitter Input

Input Voltage Range	200-1500mV	
Input Sensitivity	100mV	75-150mV
Startup Delay	50ns	100ns

### Transmitter Output

Output Impedance	78ohm	76-80
Output Current	40mA	60mA
Output Voltage		
Differential	900mV	500mV
Symmetry	0.25ns	0.50ns

### Collision

Output Frequency	10MHz	9-11MHz
Turn-on Delay	50ns	150ns
Turn-off Delay	250ns	300ns
Input Sensitivity	100mV	75-150mV

### Power Requirements

From AUI on Port 1 Plus		
Power Required by MAU	200mA	@ 12VDC

### Power Supply

	Typical	Worst Case
External AC Adapter		
Input Voltage		
47-63Hz	120VAC	90-130VAC
Output Voltage		
VAC 600mA	16.5V	14.5V

## Switch Configuration

Switches on the read of the unit allow you to enable SQE (heartbeat) and to set the unit for Local or Remote operation.

## AUI Network Port

Connector 15-position, D-sub receptacle with protective ground

Signals	Pin	Signal
	1	Open
	2	Control In - A
	3	Data Out - A
	4	Open
	5	Data In - A
	6	Voltage
	7	Open
	8	Open
	9	Control In - B
	10	Data Out - B
	11	Open
	12	Data In - B
	13	Voltage (+12V Power Output)
	14	Open
	15	Open

## Local Ports

Connector 15-position, D-sub plug with protective ground

Signals	Pin	Signal
	1	Open
	2	Control Out - A
	3	Data In - A
	4	Open
	5	Data Out - A
	6	Voltage Common*
	7	Open
	8	Open
	9	Control Out - B
	10	Data In - B
	11	Open
	12	Data Out - B
	13	Voltage Plus (+12V Power Input)
	14	Open
	15	Open