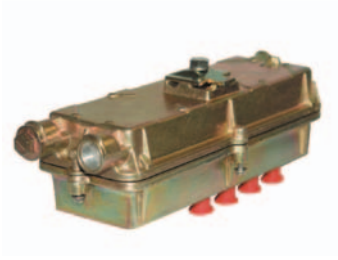


Addressable Multi-Tap Unit

Sentinel Series



The Addressable Multi-Port Tap (AMT) is a low cost addressable tap that provides individual on/off control for each tap port. It is controlled with the AMT-Central Subscriber Management System that interfaces with an operators billing system and the Intelligent Transmitter in the headend. It may also be controlled locally with Sentinel Software running on a Windows® PC. The Blonder Tongue addressable lid (AMTL) mates with the Lindsay base (LGTB). The unit uses the same plug-in directional coupler as in the Lindsay LGT Tap product line.

○ Features & Benefits

- 2, 4 or 8 Ports Available
- 1 GHz Bandwidth
- Nine-Inch Housing
- Aerial or Pedestal Mounting
- Addressable Retrofit of Lindsay Electronics LGT Passives
- Plug-In Directional Coupler Module
- RF/AC Bypass Feature
- 37 to 90 VAC Powering

○ Specifications

Electrical

Tap Loss (Lid Only with 0 dB Coupler)

MHz	2 Port	4 Port	8 Port	Unit
5-550	5	9	13	dB
550-750	5.5	9.5	13.5	dB
750-1000	6	10	14	dB

Tap Loss (Complete Unit with 0 dB Coupler)

MHz	2 Port	4 Port	8 Port	Unit
5-550	5.5	9.5	13.5	dB
550-750	6	10	14	dB
750-1000	7	11	15	dB

Return Loss (In, Out) Average:

- 5-550 MHz: 16 to 18 dB
- 550-750 MHz: 16 dB
- 750-1000 MHz: 17 dB

Return Loss (Tap) Average:

- 5-550 MHz: 16 to 18 dB
- 550-1000 MHz: 16 dB

Return Loss Minimum:

- Avg. -2 dB for All Frequencies

Tap to Tap Isolation

- 5-750 MHz: 24 dB
- 750-1000 MHz: 22 dB

On/Off Isolation

- 5-50 MHz: 70 dB
- 50-350 MHz: 65 dB
- 350-550 MHz: 60 dB
- 550-750 MHz: 55 dB
- 750-1000 MHz: 50 dB

RFI Shielding: 100 dB min

Hum Modulation

- @10 Amps: 70 dB min
- @12 Amps: 68 dB min

Data Carrier Frequency Options*:

53.0, 104.75 MHz

Data Carrier Level:

Typ. -10 dBc Relative to Video
0 dBmV @ Tap Output

Mechanical

Dimensions LxWxH:

9.0 x 3.5 x 3.0 in.
(229 x 89 x 76 mm)

Weight:

3 lbs. (1.4 kg)

Operating Temperature Range:

-40 to +60 °C

Power

Operating Voltage: 37 to 90 VAC

Current Consumption:

- 2 Port: 27 mA
- 4 Port: 28 mA
- 8 Port: 30 mA

Continuous Thru Current:

15 A, @ 90 VAC

Surge Voltage Protection

Hardline: 6 kV @ 3 kA
Dropline: 6 kV @ 200 A

* Please call for availability of other data carrier frequency

Addressable

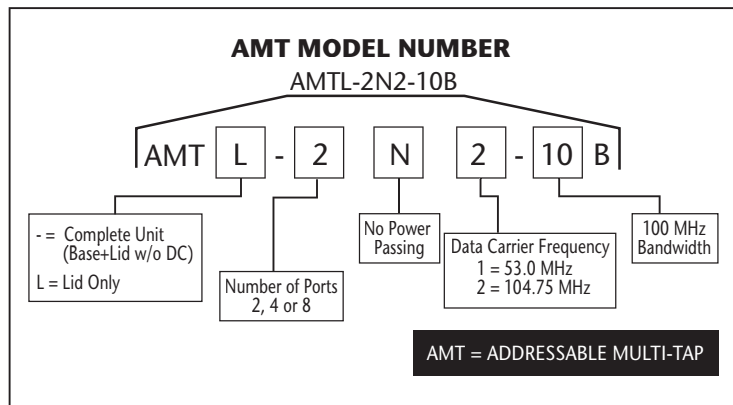
Ordering Information is located on the following page.

Addressable Multi-Tap Unit

Sentinel Series

Ordering Information

Model	Stock No.	Description
AMT-2N1-10B	9502 1B	Addressable Multi-Port Tap, 2 Port, No Power Passing, 5-1000 MHz, 53.0 MHz Data Carrier Frequency
AMT-2N2-10B	9502 2B	Addressable Multi-Port Tap, 2 Port, No Power Passing, 5-1000 MHz, 104.75 MHz Data Carrier Frequency
AMT-4N1-10B	9504 1B	Addressable Multi-Port Tap, 4 Port, No Power Passing, 5-1000 MHz, 53.0 MHz Data Carrier Frequency
AMT-4N2-10B	9504 2B	Addressable Multi-Port Tap, 4 Port, No Power Passing, 5-1000 MHz, 104.75 MHz Data Carrier Frequency
AMT-8N1-10B	9508 1B	Addressable Multi-Port Tap, 8 Port, No Power Passing, 5-1000 MHz, 53.0 MHz Data Carrier Frequency
AMT-8N2-10B	9508 2B	Addressable Multi-Port Tap, 8 Port, No Power Passing, 5-1000 MHz, 104.75 MHz Data Carrier Frequency
AMTL-2N1-10B	9512 1B	Addressable Multi-Port Tap- Lid Only, 2 Port, No Power Pass, 5-1000 MHz, 53.0 MHz Data Carrier Frequency
AMTL-2N2-10B	9512 2B	Addressable Multi-Port Tap- Lid Only, 2 Port, No Power Pass, 5-1000 MHz, 104.75 MHz Data Carrier Frequency
AMTL-4N1-10B	9514 1B	Addressable Multi-Port Tap- Lid Only, 4 Port, No Power Pass, 5-1000 MHz, 53.0 MHz Data Carrier Frequency
AMTL-4N2-10B	9514 2B	Addressable Multi-Port Tap- Lid Only, 4 Port, No Power Pass, 5-1000 MHz, 104.75 MHz Data Carrier Frequency
AMTL-8N1-10B	9518 1B	Addressable Multi-Port Tap- Lid Only, 8 Port, No Power Pass, 5-1000 MHz, 53.0 MHz Data Carrier Frequency
AMTL-8N2-10B	9518 2B	Addressable Multi-Port Tap- Lid Only, 8 Port, No Power Pass, 5-1000 MHz, 104.75 MHz Data Carrier Frequency
Accessories		
AMT-AC100	9501	AMT-Central Subscriber Management System (H/W+S/W), Controls Up To 4 Remote Headends (100,000 Passings Maximum)
AMT-AC200	9503	AMT-Central Subscriber Management System (H/W+S/W), Controls Up To 28 Remote Headends (300,000 Passings Maximum)
AMT-ACU-01	9531 01	AMT-Central Subscriber Management System MS Upgrade
MT-DC-XX	9510-XX	AMT Directional Coupler, Plug In, 5-1000 MHz Thru Line, 54-860 MHz Forward, 5-42 MHz Return
LGT2-XX	9520 XX	Lindsay 1GHz Multi-Port Tap, 2 Port, No Power Passing, 5-1000 MHz, XXdB tap values: 4T,8,11,14,17,20,23,26,29,32,35
LGT4-XX	9540 XX	Lindsay 1GHz Multi-Port Tap, 4 Port, No Power Passing, 5-1000 MHz, xx dB tap values: 8T,11,14,17,20,23,26,29,32,35
LGT8-XX	9580 XX	Lindsay 1GHz Multi-Port Tap, 8 Port, No Power Passing, 5-1000 MHz, xx dB tap values: 11T,14,17,20,23,26,29,32,35



Addressable