

LINDSAY LEXMT TAPS

Extreme Bandwidth 1.2 GHz Outdoor Multitaps

PRODUCT OVERVIEW

Lindsay Broadband extreme bandwidth outdoor multitaps deliver highly reliable and superior performance for tomorrow's advanced 1.2GHz Cable TV Networks.

Lindsay LEXMT Tough series taps have been designed with the future of the CATV industry in mind. All units come with a factory installed power passing bar for uninterrupted service when the faceplate is removed. Interchangeable faceplates allow for future network growth minimizing costly equipment upgrades for cable providers. All taps are backed by Lindsay's one year limited warranty.



FEATURES

- 5-1.218 MHz Bandwidth
- 12 A Current Capacity
- Aluminum alloy housing used for corrosion resistance.
- Rubber gasket and RFI shielding at 120 dB
- Blocking capacitors on the "F" ports for extended surge resistance
- Epoxy seals and nickel plated brass "F" ports
- Double polyurethane coating for greater weather protection
- Power passing option: CB continuous through signal w/o faceplate
- Easily interchangeable 2/4 port faceplates
- Aerial or pedestal installation for outdoor use
- Compliant with SCTE guidelines
- Splitter and coupler options available
- Flatness In/Out ± 0.5 flatness In/Tap ± 0.5
- Surge withstand: IEEE C62.41-1991 category B3/6kV combination wave, 300A

2 WAY TAP 1.2 GHz SPECIFICATIONS

ITEM	dB Value	4	8	11	14	17	20	23	26
	Frequency								
Insertion Loss (In-Out) (-dB)	5-50	-	3.2	2.0	1.2	1.1	0.8	0.7	0.7
	51-300	-	2.9	1.9	1.4	1.3	0.9	0.9	0.9
	301-550	-	3.9	2.5	1.7	1.4	1.3	1.3	1.3
	551-750	-	4.5	2.9	1.9	1.6	1.5	1.5	1.5
	751-870	-	4.8	3.2	2.3	1.8	1.8	1.5	1.7
	871-1000	-	5.1	3.6	2.6	2.2	2.0	1.9	1.9
	1001-1218	-	5.4	4.3	3.2	2.6	2.4	2.3	2.3
Tap Loss (-dB)	5-50	4.0	8.5	11.0	14.0	16.5	19.5	22.5	25.5
	51-1000	4.0	8.5	11.0	14.0	17.5	20.0	23.0	26.0
	1001-1218	4.5	9.5	11.5	14.5	17.5	20.5	23.5	26.0
Tap Loss Tolerance (+/-dB)	5-1000	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	1001-1218	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.75
Isolation (Tap-Tap)(-dB)	5-50	20	20	20	20	20	20	20	20
	51-870	22	22	22	22	22	22	22	22
	871-1218	20	20	20	20	20	20	20	20
Isolation (Out-Tap) (-dB)	5-50	-	18	19	21	23	25	27	33
	51-870	-	21	21	23	26	28	30	31
	871-1218	-	20	19	20	22	23	23	25
Return Loss (In, Out, Tap)(-dB)	5-50	17	17	17	17	17	17	17	17
	51-1000	18	18	18	18	18	18	18	18
	1001-1218	16	16	16	16	16	16	16	16
Hum Modulation @10A current passing (dB)	5-10	60	60	60	60	60	60	60	60
	11-870	55	55	55	55	55	55	55	55
	871-1218	50	50	50	50	50	50	50	50

*Power Passing @12Amperes Maximum (60/90 VAC)

4 WAY TAP 1.2 GHz SPECIFICATIONS

ITEM	dB Value	8	11	14	17	20	23	26
	Frequency							
Insertion Loss (In-Out) (-dB)	5-50	-	3.2	2.1	1.4	0.8	0.8	0.7
	51-300	-	3.0	1.9	1.5	1.0	1.1	0.9
	301-550	-	3.9	2.5	1.8	1.4	1.4	1.3
	551-750	-	4.5	3.0	2.1	1.6	1.5	1.5
	751-870	-	4.8	3.3	2.3	1.8	1.6	1.6
	871-1000	-	5.1	3.7	2.7	2.2	2.0	1.9
	1001-1218	-	5.4	4.3	3.2	2.6	2.4	2.3
Tap Loss (-dB)	5-50	8.0	12.0	14.5	16.5	19.5	22.5	25.5
	51-1000	8.0	12.5	14.5	17.0	20.0	23.0	26.0
	1001-1218	8.5	13.0	15.0	17.5	20.5	23.5	26.0
Tap Loss Tolerance (+/-dB)	5-1000	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	1001-1218	1.5	1.5	1.5	1.5	1.5	1.75	1.8
Isolation (Tap-Tap)(-dB)	5-50	20	20	20	20	20	20	20
	51-870	22	22	22	22	22	22	22
	871-1218	20	20	20	20	20	20	20
Isolation (Out-Tap) (-dB)	5-50	-	20	21	23	25	27	29
	51-870	-	21	22	25	26	28	30
	871-1218	-	20	20	21	21	23	25
Return Loss (In, Out, Tap)(-dB)	5-50	17	17	17	17	17	17	17
	51-1000	18	18	18	18	18	18	18
	1001-1218	16	16	16	16	16	16	16
Hum Modulation @10A current passing (dB)	5-10	60	60	60	60	60	60	60
	11-870	55	55	55	55	55	55	55
	871-1218	50	50	50	50	50	50	50

*Power Passing @12Amperes Maximum (60/90 VAC)

8 WAY TAP 1.2 GHz SPECIFICATIONS

ITEM	dB Value	11	14	17	20	23	26
	Frequency						
Insertion Loss (In-Out) (-dB)	5-50	-	3.5	2.4	1.4	1.0	0.8
	51-300	-	3.4	1.9	1.5	1.1	1.0
	301-550	-	4.4	2.6	1.8	1.7	1.3
	551-750	-	4.9	3.0	2.1	1.9	1.5
	751-870	-	5.2	3.3	2.4	2.0	1.6
	871-1000	-	5.6	3.7	2.8	2.3	2.0
	1001-1218	-	6.0	4.3	3.4	3.4	2.9
Tap Loss (-dB)	5-50	11.0	15.0	18.0	20.0	22.5	25.5
	51-1000	11.5	15.0	18.0	20.5	23.0	26.0
	1001-1218	12.5	16.0	18.5	21.0	23.5	26.0
Tap Loss Tolerance (+/-dB)	5-1000	1.5	1.5	1.5	1.5	1.5	1.5
	1001-1218	1.5	1.5	1.5	1.75	1.8	2.0
Isolation (Tap-Tap)(-dB)	5-50	20	20	20	20	20	20
	51-870	22	22	22	22	22	22
	871-1218	20	20	20	20	20	20
Isolation (Out-Tap) (-dB)	5-50	-	22	24	25	27	29
	51-870	-	22	25	26	28	30
	871-1218	-	21	22	23	24	25
Return Loss (In, Out, Tap)(-dB)	5-50	17	17	17	17	17	17
	51-1000	18	18	18	18	18	18
	1001-1218	16	16	16	16	16	16
Hum Modulation @10A current passing (dB)	5-10	60	60	60	60	60	60
	11-870	55	55	55	55	55	55
	871-1218	50	50	50	50	50	50

*Power Passing @12Amperes Maximum (60/90 VAC)

**Specifications subject to change without prior notice

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