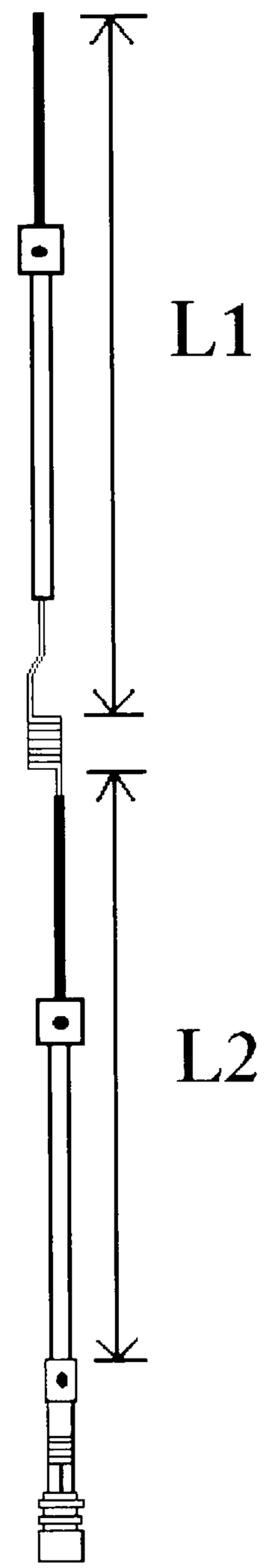
TRAM® # 1485 ADJUSTING CHART and VSWR TEST

Specifications

- 5 dBd gain • 5/8 over 1/2 wave • 3 stainless steel radials
- DC ground design • 39" (1.0 m) tall • 50 ohms • 200 W • UHF female connector
- This antenna is pretuned to 460 MHz with a bandwidth of 450 to 470 MHz
- To tune to another frequency adjust L1 and L2 to specified lengths

Frequency	L1		L2		SWR	SWR<1.5
MHz	INCH	MM	INCH	MM		Bandwidth (MHz)
400	18 1/8	460	14 3/16	360	1.35	389 - 408
405	17 15/16	455	14	355	1.26	392 - 411
410	17 1/2	445	13 9/16	345	1.29	404 - 418
415	17 5/16	440	13 3/16	335	1.38	409 - 425
420	17 1/8	435	12 13/16	325	1.32	411 - 427
425	16 15/16	430	12 3/8	315	1.18	416 - 430
430	16 3/4	425	12 3/16	310	1.25	423 - 441
435	16 9/16	420	11 13/16	300	1.24	425 - 443
440	16 5/16	415	11 7/16	290	1.17	430 - 448
445	16 1/8	410	11	280	1.02	437 - 457
450	15 15/16	405	10 5/8	270	1.04	443 - 461
455	15 3/4	400	10 7/16	265	1.04	446 - 464
460	15 9/16	395	10 1/16	255	1.18	450 - 470
465	15 3/8	390	9 13/16	250	1.21	454 - 475
470	15 3/16	385	9 5/8	245	1.14	462 - 478
475	14 15/16	380	9 1/8	232	1.24	468 - 483
480	14 3/4	375	8 15/16	227	1.42	471 - 487
485	14 9/16	370	8 7/8	225	1.42	481 - 493
490	14 3/8	365	8 11/16	220	1.39	485 - 495
495	14	355	8 1/16	205	1.39	-



NOTE: Do not seal the bottom of the antenna.
The antenna has a built in weep hole at the bottom.

Tram-Browning, Inc.
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