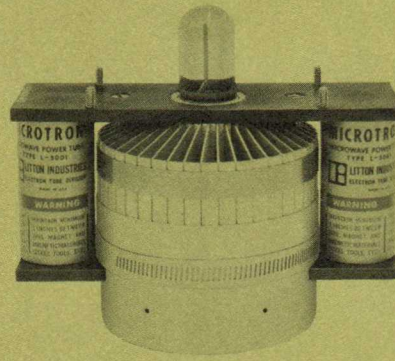


L-3189 8 $\frac{3}{8}$ " High



L-5001 6 $\frac{5}{16}$ " High

## CW/Pulse Magnetrons and Accessories

### RF OUTPUT TRANSITIONS

Model	Output Description	Applicable CW Magnetrons	Output Connector
247	Coaxial output to $\frac{7}{8}$ " coaxial line	L-3456, L-3459, L-3464, L-3465 L-3500, L-3501, L-3502, L-3503	Type LT Female
247A	Coaxial output to $\frac{7}{8}$ " coaxial line	L-3456, L-3459, L-3464, L-3465 L-3500, L-3501, L-3502, L-3503	Type LC Female
228	Output window to WR-187 waveguide	L-3461, L-3505	UG 149A/U
229	Output window to WR-284 waveguide	L-3460, L-3504	UG 53/U
248	Double ridge output to WR-187	L-3467, L-3506 (low end of band)	UG 407/U
249	Double ridge output to WR-137	L-3467, L-3506 (high end of band) L-3468, L-3507 (full band)	UG 441/U
250	Double ridge output to WR-112	L-3462, L-3508 (low end of band) L-3462, L-3508 (full band)	UG 138/U
250A	Double ridge output to WR-112	L-3463 (low end of band)	UG 138/U
251	Double ridge output to WR-90	L-3462, L-3508 (high end of band) L-3463, L-3509 (full band)	UG 135/U
251A	Double ridge output to WR-90	L-3463	UG 135/U
305	Coaxial output to rigid coax	L-3456, L-3459, L-3464, L-3465, L-3500, L-3501, L-3502, L-3503, L-3714	UG 45/U
335	Coaxial output to Type N	L-3456, L-3459, L-3464, L-3465, L-3500, L-3501, L-3502, L-3503, L-3714	UG 22/U

### MICROTRON® HEATING TUBES

Tube Type	Rf Power Flat Load (W)	Anode Voltage (KV)	Anode Current Avg. (mA)	Filament Power (W)	Efficiency Flat Load (%)	Cooling	Magnet Type	Operation	Applications/Comments
L-3189	1350	7.0	300	80	70	Liquid	Electromagnet #2774	AC or Rectified AC	Litton Industries Electron Tube Division offers a variety of CW magnetrons, associated transformers and related assemblies for microwave heating and cooking applications. All tubes listed here operate at 2450 Mc (ISM-band). Maximum load VSWR at a fixed phase for all tubes is 2:1 and 8:1 for a continuously varying phase with the exception of the L-3858 where the maximum VSWR for varying phase is 5:1. Transformers are available from Litton for 110 or 220 volt operation, 50 or 60 cycles. Air cooled tubes require air flow 0.1 cfm per watt. Liquid cooled tubes require flow 0.5 gpm per kilowatt. Applications engineering services are available.
L-3858	2650	7.2	560	130	67	Liquid	Electromagnet #3886	Rectified AC	
L-5001	950/1300/1700	3.5	400/550/700	100	68	Air	Permanent	Rectified AC	