## L-3 IOTD 130 UHF-TV Transmitter Tube

The Inductive Output Amplifier is a high-efficiency tube operating in the UHF-TV frequency range of 470 to 860 MHz. The amplifier can be used in digital transmitters and in analog transmitters requiring combined vision/aural service, vision only service, and aural only service.

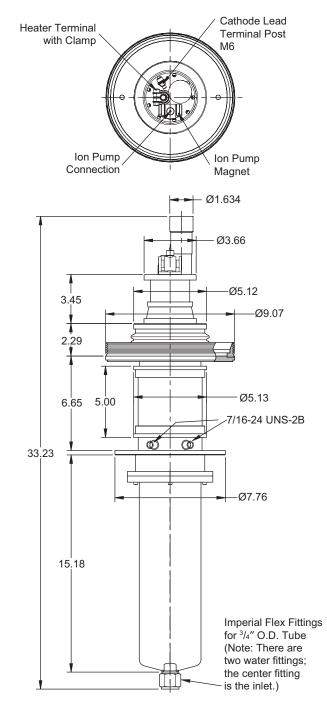
5 20 00 22 0.4 22 50	Max.  7 30 60 36 2.5 0.7 60 27 55 1.5:1	V A A sec kV A A mA kW	
20  00 22  0.4  22 	30 60  36 2.5 0.7 60 27 55	A A Sec kV A A mA A kW	
000 222 0.4 222	60  36 2.5 0.7 60 27 55	A sec kV A A mA kW	
00 22  0.4  22 	36 2.5 0.7 60 27 55	sec kV A A mA A kW	
222  0.4  222 	36 2.5 0.7 60 27 55	kV A A mA A kW	
	2.5 0.7 60 27 55	A A mA A kW	
).4  22 	0.7 60 27 55	A mA A kW	
 22 	60 27 55	mA A kW	
22  	27 55	A kW	
	55	kW	
	1.5:1		
50			
	-150	٧	
	±150	mA	
	20	μA	
3	4	kV	
	500	W	
	121	kW	
	80	kW	
	31	kW	
	70	kW	
	7	kW	
	130/30	KW/kW	
	1500/250	W	
	See back		
	Collector end down		
	Electromagnet		
Maximum Inlet Pressure		60 psi	
	55°C		
Maximum Outlet Water Temperature		75°C	
Minimum Collector Flow (RO or DI water)		14.5 gpm	
Minimum Body Flow (RO or DI water)		I.3 gpm	
	40 psi		
	90 cfm		
	5"		
	60°C		
	50 lb		
		±150 20 3	





## L-3 IOTD 130 **UHF-TV Transmitter Tube**

**Outline Drawing** 



## **L-3 Electron Devices**

1035 Westminster Drive Williamsport, PA 17701 570.326.3561 800.861.1848

Fax: 570.326.2903

 $e\hbox{-mail: marketing@electrondevices.com}$ 





Characteristics and operating conditions are based upon performance tests. These values may change as the result of further data or product refinement. L-3 Electron Devices should be consulted before using this information for product design.