

ELROG ER 211

Filament	Thoriated tungsten	
Voltage	10V	+/- 0.5V
Current	3.2A	+/- 0.05A
Amplification factor	12	+/- 0.5
Dirct interelectrode capacitances		
Grid/Plate	14.5pF	+/- 1pF
Grid/Filament	6.0pF	+/- 0.5pF
Plate/Filament	5.5pF	+/- 0.5pF

Maximum ratings and typical operating conditions

AF power amlifier class A1

DC Plate voltage	1250V		
Plate dissaption	75W		
Typical operation			
DC Plate voltage	750V	1000V	1250V
DC Grid Voltage	-46V	-61V	-80V
Peak AF grid Voltage	41V	56V	75V
DC Plate current	34mA	53mA	60mA
Load resistance	8800Ohm	7600Ohm	9200Ohm
Power (RMS, 5% second harmonic)	5.6W	12W	19.7W
Rg Autobias	500kOhm max.		
Rg fixed Bias	100kOhm max.		

AF power amplifier class B(Push-Pull)

DC Plate voltage	1250V		
Max signal DC Plate current	175mA		
Plate dissaption	100W		
Typical operation (two tubes)			
DC Plate Voltage	1000V	1250V	
DC Grid voltage	-77V	-100V	
Load resistance (Raa)	6900Ohm	9000Ohm	
Zero signal plate current	20mA	20mA	
Peak AF grid to grid voltage	380V	420V	
Max signal DC plate current	320mA	320mA	
Max signal power output (RMS)	200W	260W	