



4-1000A
TYPICAL OPERATION
GROUNDED-GRID TRIODE

SUPERSEDES 59B5

Most tetrodes do not perform satisfactorily when connected as high- μ triodes. Control-grid dissipation usually limits their power-handling capability when they are connected in this manner.

The 4-1000A, however, is an exception to this rule if a plate voltage of at least 3000 volts is used. Typical operating conditions are as follows:

D-C Plate Voltage	3000	4000	5000	volts
Zero-Signal Plate Current	100	120	150	ma
Single-Tone Plate Current	700	675	540	ma
D-C Screen Voltage	0	0	0	volts
Single-Tone Screen Current	105	80	55	ma
D-C Grid Voltage	0	0	0	volts
Single-Tone Grid Current	170	150	115	ma
Single-Tone Driving Power	130	105	70	watts
Driving Impedance	104	106	110	ohms
Load Impedance	2450	3450	5550	ohms
Single-Tone Input Power	2100	2700	2700	watts
Single-Tone Output Power	1475	1870	1900	watts

FCJ-59D2