



Super Detector Type A 420 (SD 4)

Average Characteristics

Filament voltage	V_f	= 4 Volts
Filament current	I_f	= 0.09 Amp.
Max. Plate voltage	$V_a \text{ max.}$	= 150 Volts
Slope	S	= 2 mA/V
Amplification Factor	μ_a	= 16
Impedance	R_i	= 7,500 Ohms

Type A-420 is an excellent Detector valve with high Amplification and straight rectification characteristic. When working as leaky grid detector, the grid condenser should be 0.0002 to 0.0003 MF and the grid leak 0.5 to 3 Megohms.

If used as LF amplifier Grid bias must be applied, - 2 Volts at 100 Volts HT and -4.5 Volts at 150 Volts HT.