



6170 commutator tube

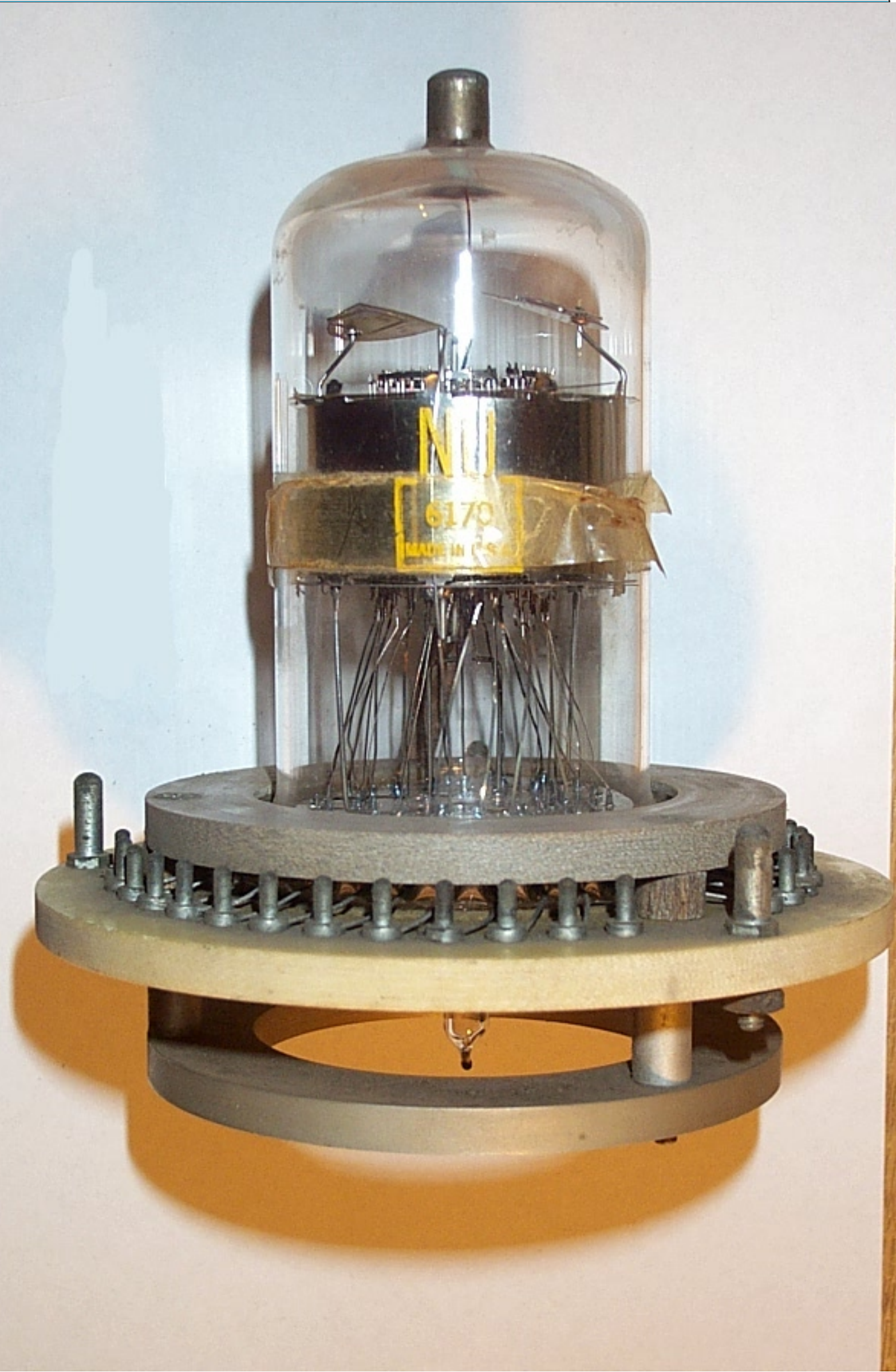


This valve measures 155x125mm overall

This is a collector type magnetically focused and deflected radial beam tube intended for high speed commutation or switching. It is capable of handling 25 channels for transmission over a single carrier in multiplexed applications.

The tube has 25 grids and anodes; the grids are brought out individually while the anodes are all connected together.

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|--|-----------|
| Heater voltage | 6.3V |
| Heater current | 300mA |
| Max anode voltage | 500V |
| Typical operating conditions | |
| Anode voltage | 300V |
| Screen grid voltage | 77V |
| Space charge grid | 18V |
| Channel defining post voltage | 50V |
| Single channel peak anode current | 310µA |
| Screen current | 4.7µA |
| Channel defining post current | 28µA |
| Space charge grid current | 1.7mA |
| Single channel transconductance | 80µmhos |
| Single channel grid bias for anode current cut-off | -4V |
| Field | 140 gauss |



For detailed photos see the similar [6324](#)

