



## ELECTRONIC TUBE REFERENCE

## 356B

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

## 1 SECTION

CONSTRUCTION

## TRIODE

Western Electric directly heated air-cooled transmitting triode for Class C RF power and plate-modulated service. Its 60 W plate dissipation and 1.5 kV capability suit moderate-power radio transmitters.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 4             |
| NOMINAL HEATER      | 5 V / 5 A         | PARALLEL HEATER      | — / —         |
| HEATING             | Direct            | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                        |          |
|----------------------------------------|----------|
| SECTION 1 Triode                       |          |
| TRANSCONDUCTANCE                       | 0.0038 S |
| AMPLIFICATION FACTOR                   | 50       |
| MAXIMUM PLATE VOLTAGE                  | 1500 V   |
| MAXIMUM PLATE DISSIPATION              | 60 W     |
| <i>Air-cooled transmitting triode.</i> |          |

The Western Electric 356B is a directly heated air-cooled transmitting triode for Class C RF power and plate-modulated service.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1956 Western Electric Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

## 1956 WESTERN ELECTRIC TUBES

## Section 1 · Triode

| OTHER                        |                 |                            |
|------------------------------|-----------------|----------------------------|
| PARAMETER                    | PUBLISHED VALUE | CONDITION / NOTE           |
| Maximum Plate Current        | 120 mA          | —                          |
| Maximum Frequency            | 100 MHz         | —                          |
| Typical Maximum Power Output | 85 W            | ClassC; RF; PlateModulated |

| CHARACTERISTICS       |                 |                  |
|-----------------------|-----------------|------------------|
| PARAMETER             | PUBLISHED VALUE | CONDITION / NOTE |
| Typical Plate Voltage | 600 V           | —                |
| Typical Plate Current | 100 mA          | —                |

## TUBE TINKER

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and their source documents.

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