ELECTRONIC TUBE REFERENCE

# 8005

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA
**1 SECTION**
CONSTRUCTION
**TRIODE**

Transmitting power triode intended for RF amplifier and oscillator service, with manufacturer ratings emphasizing radio-frequency output, substantial plate loading, and professional transmitter operation.

## General characteristics

| | | | |
|---|---|---|---|
| **BASE DESIGNATION** | – | **BASE PINS** | 4 |
| **NOMINAL HEATER** | 10 V / 3.25 A | **PARALLEL HEATER** | – / – |
| **HEATING** | Direct | **SERIES OPERATION** | Not specified |
| **CATHODE ARRANGEMENT** | Separate cathodes | **SECTION CONSTRUCTION** | Similar |

## Section ratings

**SECTION1** Triode

| | |
|---|---|
| **AMPLIFICATION FACTOR** | 20 |
| **MAXIMUM PLATE VOLTAGE** | 1500 V |
| **MAXIMUM PLATE DISSIPATION** | 85 W |

*Published source values promoted where applicable; additional published values retained as parameters.*

The RCA 8005 is a thoriated-tungsten power triode for AF/RF service, with published push-pull RF output around 330 W.

SOURCE OPERATING CONDITIONS

# 1950 General Electric Transmitting Types

SOURCE PDF

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

## Section 1 · Triode

| OTHER | | |
|---|---|---|
| **PARAMETER** | **PUBLISHED VALUE** | **CONDITION / NOTE** |
| Maximum full-rating frequency | **60 MHz** | — |
| Maximum signal power output | **300 W** | ClassB |

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

# 1956 RCA Transmitting Tubes

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1956 RCA TRANSMITTING TUBES

## Section 1 · Triode

| CHARACTERISTICS | | |
|---|---|---|
| **PARAMETER** | **PUBLISHED VALUE** | **CONDITION / NOTE** |
| Maximum Full-Input Frequency | **60 MHz** | — |
| Maximum Reduced-Input Frequency | **100 MHz** | — |

| OTHER | | |
|---|---|---|
| **PARAMETER** | **PUBLISHED VALUE** | **CONDITION / NOTE** |
| Push-Pull RF Power Output | **330 W** | PushPull; TwoTubes |

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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