

ELECTRONIC TUBE REFERENCE

EL6

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA  
1 SECTION  
CONSTRUCTION  
PENTODE

Philips audio power pentode designed for substantial single-ended Class A output around 8 W.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | 8             |
| NOMINAL HEATER      | 6.3 V / 1.2 A     | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                            |       |
|----------------------------|-------|
| SECTION1 Pentode           |       |
| MAXIMUM PLATE VOLTAGE      | 250 V |
| Audio power output pentode |       |

EL6 is a audio power output pentode. The supplied Philips datasheet was read for heater data, limiting ratings, characteristic constants, operating conditions, capacitances, and application-specific output data.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1999 Philips E-Z

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

1999 PHILIPS E-Z

## Section 1 · Pentode

| OTHER                  |                 |                  |
|------------------------|-----------------|------------------|
| PARAMETER              | PUBLISHED VALUE | CONDITION / NOTE |
| Typical plate voltage  | 250 V           | ClassA           |
| Typical screen voltage | 250 V           | ClassA           |
| Typical output power   | 8 W             | ClassA           |

### TUBE TINKER

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and their source documents.

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