

ELECTRONIC TUBE REFERENCE

AB2

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
DIODE-DIODE

The supplied sources identify AB2 as a triode rather than a dual diode, so its functional classification should follow triode construction rather than this source bucket.

GENERAL CHARACTERISTICS

BASE DESIGNATION	V24	BASE PINS	5
NOMINAL HEATER	4 V / 650 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM CATHODE CURRENT	0.8 mA
MAXIMUM HEATER-CATHODE VOLTAGE	50 V
Two electrically identical diode sections share a cathode; represented once under repeated-identical-section compression.	

SECTION2 Diode	
No fixed ratings recorded.	
Second physical diode section added in approved reconciliation.	

4 V indirectly heated triode. Electrical ratings and operating characteristics were extracted from the supplied 4-volt valve data table, including the published heater data and available section-level values.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tunsgram

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

195X TUNSGRAM

Section 1 · Diode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum signal voltage	200 V	Per diode, peak
Maximum diode current	0.8 mA	Per anode
Maximum heater-cathode voltage	50 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Diode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Signal peak voltage maximum	200 V	—
Rectified diode current maximum	0.8 mA	PerDiode
Heater-cathode voltage maximum	125 V	—

TUBE TINKER

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

