

ELECTRONIC TUBE REFERENCE

UAA91

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
DIODE-DIODE

Series-heater two-section diode designed for receiving equipment and applicable at intermediate frequencies commonly used in VHF reception.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	19 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM CATHODE CURRENT	9 mA
PEAK INVERSE VOLTAGE	330 V
NOMINAL OUTPUT CURRENT	9 mA
PEAK FORWARD CURRENT	54 mA
Published ratings/characteristics promoted where clearly stated; repeated identical sections compressed where applicable.	

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

The UAA91 is a two-section diode intended for series-heater receiving equipment. The datasheet gives ratings per diode system and notes applicability at the intermediate frequencies commonly used for VHF

reception.



SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Diode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	19 V	Published nominal value
Heater current	100 mA	Published nominal value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Diode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Negative peak diode voltage	330 V	PerSystem
Diode current	9 mA	PerSystem
Peak diode current	54 mA	PerSystem

TUBE TINKER

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and their source documents.

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