



ELECTRONIC TUBE REFERENCE

KK32

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

OCTODE

Directly heated variable-mu octode frequency changer for battery superheterodyne receivers covering medium, long, and short waves. Its controllable conversion characteristic supports receiver gain control while preserving economical filament consumption.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	2 V / 130 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Octode

No fixed ratings recorded.

Octode frequency-changer section.

Battery variable-mu octode frequency changer for medium-, long-, and short-wave operation.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1951 Mullard Valve and Service Manual

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

1951 MULLARD VALVE AND SERVICE MANUAL

Section 1 · Octode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	2 V	—
HeaterOrFilamentCurrent	130 mA	—
Conversion Conductance	270 $\mu\text{A/V}$	MediumAndLongWave



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Mullard Receiving Tubes

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

1958 MULLARD RECEIVING TUBES

Section 1 · Octode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	90 V	MediumAndLongWave
Screen/Grid2 Voltage	90 V	MediumAndLongWave
Oscillator Injection RMS Voltage	8.5 V	Approximate

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Conversion Transconductance	270 μS	$V_{g4} = -0.5\text{V}$

TUBE TINKER

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and their source documents.

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