



ELECTRONIC TUBE REFERENCE

R290

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
DIODE

Directly heated diode noise-source tube designed for electronic noise measurements, with a normal-support resonance near 1.425 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.85 V / 2.7 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Diode	
MAXIMUM PLATE VOLTAGE	100 V
MAXIMUM PLATE DISSIPATION	3 W
<i>Published ratings and characteristics promoted from the approved source.</i>	

Directly heated diode noise-source tube for noise measurements, with a normal-support resonance near 1425 MHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 La Radiotechnique

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

1953 LA RADIOTECHNIQUE

Section 1 · Diode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	1.85 V	Nominal
HeaterCurrentNominal	2.7 A	Nominal
Maximum Plate Voltage	100 V	—
Maximum Plate Dissipation	3 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ResonanceFrequency	1425 MHz	Tube on normal support