

ELECTRONIC TUBE REFERENCE

ND4

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

High-frequency triode for UHF/VHF amplification, oscillator, mixer, or microwave signal service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 180 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	3500 Ω
TRANSCONDUCTANCE	0.01 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	12 W
MAXIMUM CATHODE CURRENT	90 mA
Published ratings and characteristics were promoted when unambiguous; additional operating values are preserved in TUBE_SECTION_PARAMETER.	

Telefunken ND4 indirectly heated transmitting triode intended for oscillation generation down to approximately 50 cm wavelength.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Wehrmacht Rohren

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

194X WEHRMACHT ROHREN

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	3.1 pF	—
Grid-plate capacitance	2.9 pF	—
Output capacitance	0.7 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RF output power	9 W	Self-excited; approx. 1 m wavelength; U _a =300 V

TUBE TINKER

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and their source documents.

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