



ELECTRONIC TUBE REFERENCE

6N27P

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Russian high-frequency double triode designed for amplification and frequency conversion in very-high-frequency or ultrashort-wave equipment, combining RF gain and converter functions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 365 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0095 S
AMPLIFICATION FACTOR	30
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	1.5 W
Filename-designated Russian tube only; identical dual-triode sections compressed when applicable.	

SECTION2 Triode	
TRANSCONDUCTANCE	0.0095 S
AMPLIFICATION FACTOR	30
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	1.5 W
Second physical triode restored.	

The 6H27I1 high-frequency double triode has been HayeH ANA YCHJleHHs H npeobpa3oBaHus
YacTOTH B AHaMNa- designed for amplification and conversion of frequency 30HE yNbTPAKOPOTKHx
BOJIH C MHTaHHEM HENOCPEeNCTBEH- in the v.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Russian

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

195X RUSSIAN

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published nominal heater condition.
Heater current	365 mA	Published heater current.
Transconductance	9500 μ S	Published characteristic; normalized to μ S.
Amplification factor	30	Published characteristic.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	150 V	Published limiting operating value.
Maximum plate dissipation	1.5 W	Published limiting operating value.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1981 Russian Tubes Katsnelson and Larionov

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

1981 RUSSIAN TUBES KATSNELSON AND LARIONOV

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical parameter	100 k Ω	при 0в=6,3 В, (, =12,6 В, В,==100 кОм

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical parameter	1.8 V	=—1,8 В), мкА . й к, — < 100 —
Published electrical parameter	2 kΩ	=2 кОм), мВ. , . . <30 —
Published electrical parameter	1 V	при (0н=6,3 В, И,=50 В, Ис=—!1 В
Published electrical parameter	<2.5 mA	Разность токов анода [-го и 2-го триодов гч . . <2,5 мА

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