

1A1P

Russian Tube

Heptode

Freq Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	10
Socket Type	RSH4
Filament Voltage, V	1.2
Filament Current, A	0.06
Filament Current, A Minimum	0.053
Filament Current, A Maximum	0.067
Anode Voltage, V	90
Grid1 Voltage, V	~15
Grid2 Voltage, V	45
Grid4 Voltage, V	45
Reverse Grid Current, Ua	0.6
Transconductance, Ma/V	0.25
Microphonic Noise, Mv	500mV

1A2P

Russian Tube

Heptode

Freq Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	10
Socket Type	RSH4
Filament Voltage, V	1.2
Filament Current, A	0.03
Filament Current, A Minimum	0.027
Filament Current, A Maximum	0.033
Anode Voltage, V	60
Grid1 Voltage, V	~8
Grid2 Voltage, V	45
Grid4 Voltage, V	45
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	0.24

1B2P

Russian Tube

Diode-Penthode

Detection And Preamplifying Of Low-Freq

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	10
Socket Type	RSH4
Filament Voltage, V	1.2
Filament Current, A	0.03
Filament Current, A Minimum	0.027
Filament Current, A Maximum	0.033
Anode Voltage, V	60
Grid2 Voltage, V	45
Transconductance, Ma/V	0.25

1C11P

Russian Tube

Rectifier

Scan Retreating Pulses Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	1.2
Filament Current, A	0.2
Filament Current, A Minimum	0.17
Filament Current, A Maximum	0.23
Anode Voltage, V	100
Max.Reverse Anode Voltage, Kv	20
Anode Current, A	0.004

1C1S

Russian Tube

Rectifier

HF Pulses Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass
Mass, G	30
Socket Type	RSH5/OCTAL
Filament Voltage, V	0.7
Filament Current, A	0.185
Filament Current, A Minimum	0.17
Filament Current, A Maximum	0.2
Anode Voltage, V	50
Max.Reverse Anode Voltage, Kv	15kV
Anode Current, A	0.006
Anode Power, W	0.5
Reverse Grid Current, Ua	5

1C20B

Russian Tube

Rectifier

Scan Retreating Pulses Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	5
Filament Voltage, V	1
Filament Current, A	0.25
Filament Current, A Minimum	0.22
Filament Current, A Maximum	0.28
Anode Voltage, V	50
Max.Reverse Anode Voltage, Kv	10
Anode Current, A	0.0035

1C21P

Russian Tube

Rectifier

Application In Horizontal Scan Module

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	22
Socket Type	RSH8
Filament Voltage, V	1.4
Filament Current, A	0.69
Filament Current, A Minimum	0.65
Filament Current, A Maximum	0.73
Anode Voltage, V	100
Max.Reverse Anode Voltage, Kv	25
Anode Current, A	0.008

1C7S

Russian Tube

Rectifier

HF Pulses Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass
Mass, G	38
Socket Type	RSH5/OCTAL
Filament Voltage, V	1.25
Filament Current, A	0.2
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.22
Anode Voltage, V	100
Max.Reverse Anode Voltage, Kv	30
Anode Current, A	0.004

1E4AV

Russian Tube

Light Indicator

Indication Of Voltage Level

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	2.5
Socket Type	FLEXIBLE
Filament Voltage, V	1
Filament Current, A	0.025
Anode Voltage, V	150
Grid1 Voltage, V	-0.25
Reverse Grid Current, Ua	0.5
Microphonic Noise, Mv	100

1EE1P

Russian Tube

Electrometric Tetrode

Low Current Measuring

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	16
Socket Type	RSH4
Gain	1.3
Filament Voltage, V	1
Filament Current, A	0.046
Filament Current, A Minimum	0.04
Filament Current, A Maximum	0.052
Anode Voltage, V	6
Grid1 Voltage, V	-3
Grid2 Voltage, V	4
Transconductance, Ma/V	50
Transconductance, Ma/V Minimum	35
Transconductance, Ma/V Maximum	65

1I2P

Russian Tube

Triod-Hexode

Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	12
Socket Type	9PIN
Gain	triode-25
Filament Voltage, V	1.2
Filament Current, A	0.06
Anode Voltage, V	triode-60/hexode-60
Anode Current, A	triode-0.0012/hexode-0.00105
Anode Power, W	triode-0.25/hexode-0.3
Grid1 Voltage, V	triode-0/hexode-0
Grid2 Voltage, V	45
Grid4 Voltage, V	45
Transconductance, Ma/V	triode-1/hexode-0.75

1K12B

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.06
Filament Current, A Minimum	0.054
Filament Current, A Maximum	0.066
Anode Voltage, V	60
Anode Power, W	0.6
Grid2 Voltage, V	40
Transconductance, Ma/V	1
Transconductance, Ma/V Minimum	0.75
Transconductance, Ma/V Maximum	1.25
Microphonic Noise, Mv	120
Microphonic Noise, Mv Minimum	80
Microphonic Noise, Mv Maximum	160

1K1P

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Socket Type	7PIN
Filament Voltage, V	1.2
Filament Current, A	0.06
Filament Current, A Minimum	0.053
Filament Current, A Maximum	0.067
Anode Voltage, V	90
Anode Current, A	0.004
Anode Current, A Minimum	0.0023
Anode Current, A Maximum	0.0047
Grid2 Voltage, V	67.5
Reverse Grid Current, Ua	1
Transconductance, Ma/V	0.89

1K2P

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	10.5
Socket Type	RSH4
Filament Voltage, V	1.2
Filament Current, A	0.03
Filament Current, A Minimum	0.027
Filament Current, A Maximum	0.033
Anode Voltage, V	60
Anode Power, W	0.3W
Grid2 Voltage, V	45
Transconductance, Ma/V	0.32

1N3S

Russian Tube

Output Double Triode

Low Frequency Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass
Mass, G	40
Socket Type	RSH5-1
Filament Voltage, V	1.2
Filament Current, A	0.12
Filament Current, A Minimum	0.108
Filament Current, A Maximum	0.132
Anode Voltage, V	120
Anode Current, A	0.0025
Anode Power, W	1
Grid1 Voltage, V	-5.5

1P22B

Russian Tube

High-Durable Penthode

HF Oscillation And Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	5
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.125
Filament Current, A Minimum	0.11
Filament Current, A Maximum	0.14
Anode Voltage, V	90
Anode Current, A	0.014
Anode Current, A Minimum	0.009
Anode Current, A Maximum	0.018
Anode Power, W	2.5
Grid1 Voltage, V	-4.5
Grid2 Voltage, V	90
Transconductance, Ma/V	3
Transconductance, Ma/V Minimum	2.3
Transconductance, Ma/V Maximum	3.7
Microphonic Noise, Mv	130

1P22BV

Russian Tube

High-Durable Penthode

HF Oscillation And Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	5.2
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.125
Filament Current, A Minimum	0.11
Filament Current, A Maximum	0.14
Anode Voltage, V	90
Anode Power, W	2.5
Grid1 Voltage, V	-4.5
Grid2 Voltage, V	90
Transconductance, Ma/V	3
Transconductance, Ma/V Minimum	2.3
Transconductance, Ma/V Maximum	3.7
Microphonic Noise, Mv	600
Microphonic Noise, Mv Minimum	400
Microphonic Noise, Mv Maximum	800

1P24B

Russian Tube

High-Durable Penthode

Oscillation And Power Amplification In Mode B

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	5.5
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.233
Filament Current, A Minimum	0.22
Filament Current, A Maximum	0.245
Anode Voltage, V	150
Anode Power, W	4
Grid1 Voltage, V	-14
Grid2 Voltage, V	125
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	2.8
Transconductance, Ma/V Minimum	2.1
Transconductance, Ma/V Maximum	3.5
Microphonic Noise, Mv	130

1P24BV

Russian Tube

High-Durable Penthode

Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	5.5
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.19
Filament Current, A Minimum	0.17
Filament Current, A Maximum	0.21
Anode Voltage, V	150
Anode Power, W	4
Grid1 Voltage, V	-14
Grid2 Voltage, V	125
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	2.8
Transconductance, Ma/V Minimum	2.1
Transconductance, Ma/V Maximum	3.5
Microphonic Noise, Mv	130

1P2B

Russian Tube

Output Penthode

Low Frequency Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	3
Socket Type	FLEXIBLE
Filament Voltage, V	1.25
Filament Current, A	0.05
Filament Current, A Minimum	0.045
Filament Current, A Maximum	0.055
Anode Voltage, V	45
Grid1 Voltage, V	-2
Grid2 Voltage, V	45
Transconductance, Ma/V	0.5

1P32B

Russian Tube
Crashproof Penthode
HF Oscillation

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	5.5
Socket Type	FLEXIBLE
Filament Voltage, V	1.35
Filament Current, A	0.223
Filament Current, A Minimum	0.195
Filament Current, A Maximum	0.25
Anode Voltage, V	150
Anode Power, W	4
Grid1 Voltage, V	-14
Grid2 Voltage, V	150
Transconductance, Ma/V	2.8
Transconductance, Ma/V Minimum	2
Transconductance, Ma/V Maximum	3.5
Microphonic Noise, Mv	100

1P33S

Russian Tube
Double Beam Tetrode
HF Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass
Mass, G	100
Socket Type	RSH3
Gain	8
Filament Voltage, V	1.6
Filament Current, A	1.8
Filament Current, A Minimum	1.5
Filament Current, A Maximum	2.1
Anode Voltage, V	300
Anode Power, W	18x2
Grid1 Voltage, V	-10.5
Grid2 Voltage, V	250
Transconductance, Ma/V	5
Transconductance, Ma/V Minimum	4.2
Transconductance, Ma/V Maximum	5.8

1P3B

Russian Tube

Output Penthode

Low Frequency Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	3
Socket Type	FLEXIBLE
Filament Voltage, V	1.25
Filament Current, A	0.028
Anode Voltage, V	45
Anode Current, A	0.00075
Grid2 Voltage, V	45
Transconductance, Ma/V	0.42

1P4B

Russian Tube

Output Penthode

Low Frequency Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	3
Socket Type	FLEXIBLE
Filament Voltage, V	1.25
Filament Current, A	0.02
Filament Current, A Minimum	0.017
Filament Current, A Maximum	0.023
Anode Voltage, V	45
Anode Power, W	0.05
Grid1 Voltage, V	-2
Grid2 Voltage, V	45
Transconductance, Ma/V	0.39
Transconductance, Ma/V Minimum	0.28
Transconductance, Ma/V Maximum	0.5

1P5B

Russian Tube

High-Durable Penthode

HF Oscillation And Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	5
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.12
Filament Current, A Minimum	0.1
Filament Current, A Maximum	0.14
Anode Voltage, V	90
Anode Power, W	1.7
Grid1 Voltage, V	-4.5
Grid2 Voltage, V	90
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	1.4
Transconductance, Ma/V Minimum	0.3
Transconductance, Ma/V Maximum	2.5
Microphonic Noise, Mv	130

1P6B

Russian Tube

Economic Pentode

Application In Mobile Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	3
Socket Type	FLEXIBLE
Filament Voltage, V	1.25
Filament Current, A	0.011
Anode Voltage, V	45
Anode Current, A	0.007
Anode Power, W	0.05
Grid1 Voltage, V	-2
Grid2 Voltage, V	45
Transconductance, Ma/V	0.4
Microphonic Noise, Mv	100

1S38A

Russian Tube

Triode

Low Frequency Power Amplification And HF Oscillation

Specifications		
Name		Value
Cathode Type		Oxide, Direct Heating
Envelope		Glass, Miniature
Mass, G		700
Socket Type		FLEXIBLE
Gain		24.5
Gain Minimum		20
Gain Maximum		29
Filament Voltage, V		0.9
Filament Current, A		0.085
Filament Current, A Minimum		0.076
Filament Current, A Maximum		0.094
Anode Voltage, V		70
Reverse Grid Current, Ua		0.1
Transconductance, Ma/V		0.77
Transconductance, Ma/V Minimum		0.67
Transconductance, Ma/V Maximum		0.87
Microphonic Noise, Mv		5

1ZH17B

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.045
Filament Current, A Minimum	0.036
Filament Current, A Maximum	0.054
Anode Voltage, V	60
Grid2 Voltage, V	40
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	1.5
Transconductance, Ma/V Minimum	1
Transconductance, Ma/V Maximum	2
Microphonic Noise, Mv	50

1ZH18B

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.024
Filament Current, A Minimum	0.021
Filament Current, A Maximum	0.026
Anode Voltage, V	60
Grid2 Voltage, V	45
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	0.835
Transconductance, Ma/V Minimum	0.07
Transconductance, Ma/V Maximum	1.6
Microphonic Noise, Mv	50

1ZH24B

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.013
Filament Current, A Minimum	0.011
Filament Current, A Maximum	0.015
Anode Voltage, V	60
Grid2 Voltage, V	45
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	0.48
Microphonic Noise, Mv	50

1ZH29B

Russian Tube

Penthode

HF Oscillation And Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	1.2/2.4
Filament Current, A	0.056-0.068/0.031
Anode Voltage, V	60
Anode Current, A	0.005
Anode Current, A Minimum	0.0026
Anode Current, A Maximum	0.007
Anode Power, W	1.2
Grid2 Voltage, V	45
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	1.2
Microphonic Noise, Mv	130

1ZH29BR

Russian Tube
High-Durable Penthode
HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4.5
Socket Type	FLEXIBLE
Filament Voltage, V	1.2/2.4
Filament Current, A	0.056-0.068/0.031
Anode Voltage, V	60
Grid2 Voltage, V	45
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	1.2
Microphonic Noise, Mv	250
Microphonic Noise, Mv Minimum	100
Microphonic Noise, Mv Maximum	400

1ZH29BV

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4.5
Socket Type	FLEXIBLE
Filament Voltage, V	1.2/2.4
Filament Current, A	0.056-0.068/0.031
Anode Voltage, V	60
Grid2 Voltage, V	45
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	1.2
Microphonic Noise, Mv	130

1ZH36B

Russian Tube
Crashproof Penthode
HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	1.35
Filament Current, A	0.074
Filament Current, A Minimum	0.066
Filament Current, A Maximum	0.082
Anode Voltage, V	150
Grid1 Voltage, V	-1
Grid2 Voltage, V	45
Transconductance, Ma/V	2
Transconductance, Ma/V Minimum	1.5
Transconductance, Ma/V Maximum	2.5
Microphonic Noise, Mv	50

1ZH37B

Russian Tube

Penthode

Oscillation, Amplification And Mixing

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.059
Filament Current, A Minimum	0.052
Filament Current, A Maximum	0.066
Anode Voltage, V	45
Grid2 Voltage, V	45
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	0.95
Transconductance, Ma/V Minimum	0.65
Transconductance, Ma/V Maximum	1.25
Microphonic Noise, Mv	60

1ZH42A

Russian Tube

High-Durable Penthode

Application In High-Economy Systems As Mixer, Amplifier, Generator

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	3
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.015
Filament Current, A Minimum	0.013
Filament Current, A Maximum	0.017
Anode Voltage, V	6
Grid2 Voltage, V	6
Transconductance, Ma/V	0.36
Transconductance, Ma/V Minimum	0.3
Transconductance, Ma/V Maximum	0.42
Microphonic Noise, Mv	10

2C12P

Russian Tube

Triode

HF Amplification And Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	10
Socket Type	7 PIN
Gain	16
Filament Voltage, V	1.2
Filament Current, A	0.03
Anode Voltage, V	60
Anode Current, A	0.0014
Anode Power, W	0.25
Grid1 Voltage, V	-1
Transconductance, Ma/V	0.87

2C2S

Russian Tube

Rectifier

Alternative Current Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	55
Filament Voltage, V	2.5
Filament Current, A	1.8
Filament Current, A Minimum	1.55
Filament Current, A Maximum	1.95
Anode Voltage, V	200
Max.Reverse Anode Voltage, Kv	12.5
Anode Current, A	0.34
Anode Current, A Minimum	0.03
Anode Current, A Maximum	0.65

2D1S

Russian Tube
Measiring Diode
UHF Detection

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	7
Filament Voltage, V	2.3
Filament Current, A	0.4
Filament Current, A Minimum	0.35
Filament Current, A Maximum	0.45
Anode Voltage, V	5
Max.Reverse Anode Voltage, Kv	0.1
Anode Current, A	0.0016
Anode Power, W	0.01

2D2S

Russian Tube

Noise Diode

Noise Oscillation For Receiver Sensitivity Measuring

Specifications	
Name	Value
Cathode Type	Thorium-Oxide, Direct Heating
Envelope	Glass
Mass, G	30
Filament Voltage, V	1.4
Filament Current, A	0.95
Filament Current, A Minimum	0.3
Filament Current, A Maximum	1.6
Anode Voltage, V	125
Max.Reverse Anode Voltage, Kv	0.2
Transconductance, Ma/V	0.06

2D3B

Russian Tube

Noise Diode

Application In Radiointerferencemeter

Specifications	
Name	Value
Cathode Type	Tungsten, Carbidized, Direct Heating
Envelope	Glass, Miniature
Mass, G	3
Socket Type	FLEXIBLE
Filament Voltage, V	2.2
Filament Current, A	0.11
Anode Current, A	0.005
Transconductance, Ma/V	0.01

2D7S

Russian Tube

Measuring Noise Diode

Noise Coefficient Measuring In Receiving Equipment

Specifications	
Name	Value
Cathode Type	Tungsten, Direct Heating
Envelope	Glass
Mass, G	15
Filament Voltage, V	1.4
Filament Current, A	2.4
Anode Voltage, V	300
Anode Current, A	0.003
Anode Power, W	6

2D9S

Russian Tube

High-Stable Diode

Work In Saturation Mode

Specifications	
Name	Value
Cathode Type	Tungsten, Direct Heating
Envelope	Glass
Mass, G	50
Socket Type	RSH5-1
Filament Voltage, V	3.7
Filament Current, A	0.55
Anode Voltage, V	500
Anode Current, A	0.001

2EE2P

Russian Tube

Electrometric Double Tetrode

Application In Electrometric Devices

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	20
Socket Type	RSH-8
Gain	1.3
Filament Voltage, V	2
Filament Current, A	0.055
Filament Current, A Minimum	0.05
Filament Current, A Maximum	0.06
Anode Voltage, V	6
Anode Current, A	0.045
Anode Current, A Minimum	0.02
Anode Current, A Maximum	0.07
Grid1 Voltage, V	4
Grid2 Voltage, V	-3
Transconductance, Ma/V	22.5
Transconductance, Ma/V Minimum	15
Transconductance, Ma/V Maximum	30

2H1L

Russian Tube

Double Diode

Application As Detector Or Discriminator

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Outer Screened
Mass, G	45
Socket Type	RSH-7
Filament Voltage, V	2.2
Filament Current, A	0.13
Filament Current, A Minimum	0.12
Filament Current, A Maximum	0.14
Anode Voltage, V	5
Anode Current, A	0.002
Transconductance, Ma/V	0.6
Microphonic Noise, Mv	100

2P19B

Russian Tube

Penthode

HF Oscillation And Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	5
Socket Type	FLEXIBLE
Filament Voltage, V	2.2
Filament Current, A	0.07
Anode Voltage, V	120
Anode Current, A	0.0076
Anode Power, W	1
Grid1 Voltage, V	-5
Grid2 Voltage, V	90
Transconductance, Ma/V	1.7
Microphonic Noise, Mv	500

2P1P

Russian Tube
Output Beam Tetrode
Low-Frequency Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	10
Socket Type	RSH-4
Filament Voltage, V	1.2
Filament Current, A	0.12
Filament Current, A Minimum	0.105
Filament Current, A Maximum	0.135
Anode Voltage, V	90
Anode Current, A	0.0095
Anode Power, W	1.1
Grid1 Voltage, V	-4.5
Grid2 Voltage, V	90
Reverse Grid Current, Ua	1
Transconductance, Ma/V	1.7
Microphonic Noise, Mv	400

2P29L

Russian Tube

Penthode

HF Oscillation And Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass
Mass, G	45
Socket Type	RSH-7
Filament Voltage, V	2.2
Filament Current, A	0.123
Filament Current, A Minimum	0.105
Filament Current, A Maximum	0.14
Anode Voltage, V	160
Anode Current, A	0.001
Anode Power, W	2
Grid1 Voltage, V	-5.5
Grid2 Voltage, V	120
Transconductance, Ma/V	2.2
Transconductance, Ma/V Minimum	1.8
Transconductance, Ma/V Maximum	2.5
Microphonic Noise, Mv	300

2P2P

Russian Tube
Output Beam Tetrode
Low-Frequency Power Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	10
Socket Type	RSH-4
Filament Voltage, V	1.2
Filament Current, A	0.06
Filament Current, A Minimum	0.054
Filament Current, A Maximum	0.066
Anode Voltage, V	60
Anode Current, A	0.0035
Anode Power, W	0.4
Grid1 Voltage, V	-3.5
Grid2 Voltage, V	60
Reverse Grid Current, Ua	0.2
Transconductance, Ma/V	1.1

2P5B

Russian Tube

High-Durable Penthode

HF Oscillation And Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	5
Socket Type	FLEXIBLE
Filament Voltage, V	1.2
Filament Current, A	0.185
Filament Current, A Minimum	0.16
Filament Current, A Maximum	0.21
Anode Voltage, V	90
Anode Current, A	0.018
Anode Power, W	2.3
Grid1 Voltage, V	-4.5
Grid2 Voltage, V	90
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	3.3
Transconductance, Ma/V Minimum	2.4
Transconductance, Ma/V Maximum	4.2
Microphonic Noise, Mv	130

2P9M

Russian Tube

Beam Tetrode

HF Oscillation And Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass
Mass, G	52
Socket Type	OCTAL C1-1-5A
Filament Voltage, V	2
Filament Current, A	1
Filament Current, A Minimum	0.9
Filament Current, A Maximum	1.1
Anode Voltage, V	250
Anode Current, A	0.035
Anode Power, W	8
Grid1 Voltage, V	-6
Grid2 Voltage, V	150
Reverse Grid Current, Ua	3
Transconductance, Ma/V	2.5

2S14B

Russian Tube

Triode

HF Voltage Amplification And Oscillation

Specifications		
Name		Value
Cathode Type		Oxide, Direct Heating
Envelope		Glass, Miniature
Mass, G		4.5
Socket Type		FLEXIBLE
Gain		15
Gain Minimum		12
Gain Maximum		18
Filament Voltage, V		2.2
Filament Current, A		0.06
Filament Current, A Minimum		0.054
Filament Current, A Maximum		0.066
Anode Voltage, V		90
Anode Current, A		0.0036
Anode Power, W		0.75
Grid1 Voltage, V		-3
Transconductance, Ma/V		1.8
Transconductance, Ma/V Minimum		1.35
Transconductance, Ma/V Maximum		2.25
Microphonic Noise, Mv		150

2S3A

Russian Tube

Triode

Application In Radiosonde Transmitters

Specifications	
Name	Value
Cathode Type	Direct Heating
Envelope	Glass, Miniature
Mass, G	2.1
Socket Type	FLEXIBLE
Gain	7.5
Gain Minimum	6
Gain Maximum	9
Filament Voltage, V	2.4
Filament Current, A	0.122
Anode Voltage, V	65
Anode Current, A	0.01
Anode Power, W	1.8
Grid1 Voltage, V	-2
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	2.7

2S49D

Russian Tube

Shakeproof Triode

UHF Oscillation And Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal-Glass
Mass, G	8.5
Socket Type	FLEXIBLE + DISC
Gain	65
Gain Minimum	55
Gain Maximum	75
Filament Voltage, V	2.4
Filament Current, A	0.47
Filament Current, A Minimum	0.42
Filament Current, A Maximum	0.52
Anode Voltage, V	250
Anode Current, A	0.02
Anode Power, W	4
Grid1 Voltage, V	-1
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	6
Microphonic Noise, Mv	300

2S4S

Russian Tube

Output Triode

Power Amplification At Last Stages

Specifications		
Name		Value
Cathode Type		Oxide, Direct Heating
Envelope		Glass
Mass, G		80
Socket Type		RSH1-1
Gain		4
Gain Minimum		3.3
Gain Maximum		4.7
Filament Voltage, V		2.5
Filament Current, A		2.5
Filament Current, A Minimum		2.25
Filament Current, A Maximum		2.75
Anode Voltage, V		300
Anode Current, A		0.044
Anode Current, A Minimum		0.027
Anode Current, A Maximum		0.06
Anode Power, W		15
Grid1 Voltage, V		-62
Reverse Grid Current, Ua		3
Transconductance, Ma/V		4
Transconductance, Ma/V Minimum		3.2
Transconductance, Ma/V Maximum		4.8
Microphonic Noise, Mv		500

2ZH14B

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4.5
Socket Type	FLEXIBLE
Filament Voltage, V	2.2
Filament Current, A	0.03
Filament Current, A Minimum	0.027
Filament Current, A Maximum	0.033
Anode Voltage, V	90
Anode Current, A	1.9
Anode Current, A Minimum	1.3
Anode Current, A Maximum	2.5
Anode Power, W	0.5
Grid2 Voltage, V	45
Transconductance, Ma/V	1.3
Transconductance, Ma/V Minimum	1
Transconductance, Ma/V Maximum	1.5
Microphonic Noise, Mv	300

2ZH15B

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	4.5
Socket Type	FLEXIBLE
Filament Voltage, V	2.2
Filament Current, A	0.014
Anode Voltage, V	60
Anode Current, A	0.0015
Anode Power, W	0.15
Grid2 Voltage, V	45
Transconductance, Ma/V	0.7
Microphonic Noise, Mv	300

2ZH27P

Russian Tube

Penthode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass, Miniature
Mass, G	12
Socket Type	FLEXIBLE
Filament Voltage, V	2.2
Filament Current, A	0.057
Filament Current, A Minimum	0.051
Filament Current, A Maximum	0.063
Anode Voltage, V	120
Anode Current, A	0.002
Anode Current, A Minimum	0.0013
Anode Current, A Maximum	0.0025
Anode Power, W	1
Grid2 Voltage, V	45
Transconductance, Ma/V	1.3
Transconductance, Ma/V Minimum	1
Transconductance, Ma/V Maximum	1.5
Microphonic Noise, Mv	300

2ZH48B

Russian Tube

Penthode

HF Voltage Amplification And Oscillation

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	2
Socket Type	FLEXIBLE
Filament Voltage, V	2.4
Filament Current, A	0.14
Filament Current, A Minimum	0.12
Filament Current, A Maximum	0.16
Anode Voltage, V	80
Anode Current, A	0.0035
Anode Power, W	0.6
Grid1 Voltage, V	-0.5
Grid2 Voltage, V	80
Reverse Grid Current, Ua	0.2
Transconductance, Ma/V	4.5
Transconductance, Ma/V Minimum	3
Transconductance, Ma/V Maximum	6
Microphonic Noise, Mv	30

3C16S

Russian Tube

High-Voltage Rectifier

Scan Retreating Pulses Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	50
Socket Type	RSH5-1
Filament Voltage, V	3.15
Filament Current, A	0.21
Filament Current, A Minimum	0.19
Filament Current, A Maximum	0.23
Anode Voltage, V	120
Max.Reverse Anode Voltage, Kv	35
Anode Current, A	0.0045

3C18P

Russian Tube

High-Voltage Rectifier

Scan Retreating Pulses Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	3.15
Filament Current, A	0.21
Filament Current, A Minimum	0.19
Filament Current, A Maximum	0.23
Anode Voltage, V	100
Max.Reverse Anode Voltage, Kv	25
Anode Current, A	0.008

3C22S

Russian Tube
High-Voltage Rectifier
Scan Retreating Pulses Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	40
Socket Type	RSH24-1
Filament Voltage, V	3.15
Filament Current, A	0.61
Filament Current, A Minimum	0.8
Filament Current, A Maximum	0.42
Anode Voltage, V	100
Max.Reverse Anode Voltage, Kv	36
Anode Current, A	0.0045

3D6AV

Russian Tube

High-Durable Diode

Application As Detector Or Rectifier

Specifications		
Name		Value
Cathode Type		Oxide, Indirect Heating
Envelope		Glass, Miniature
Mass, G		3
Socket Type		FLEXIBLE
Filament Voltage, V		3.15
Filament Current, A		0.32
Filament Current, A Minimum		0.29
Filament Current, A Maximum		0.35
Anode Voltage, V		165
Max.Reverse Anode Voltage, Kv		0.45
Anode Current, A		0.035
Anode Power, W		0.2
Microphonic Noise, Mv		30

3S6BV

Russian Tube

High-Durable Triode

Low-Frequency Amplification And Working In Pulse Mode In Nonrecoverable Equipment

Specifications		
Name		Value
Cathode Type		Oxide, Indirect Heating
Envelope		Glass, Miniature
Mass, G		4
Socket Type		FLEXIBLE
Gain		26
Gain Minimum		20
Gain Maximum		32
Filament Voltage, V		3.15
Filament Current, A		0.48
Filament Current, A Minimum		0.43
Filament Current, A Maximum		0.53
Anode Voltage, V		120
Anode Current, A		0.009
Anode Current, A Minimum		0.0065
Anode Current, A Maximum		0.0115
Anode Power, W		1.4
Reverse Grid Current, Ua		0.2
Transconductance, Ma/V		5.4
Transconductance, Ma/V Minimum		4.25
Transconductance, Ma/V Maximum		6.5
Microphonic Noise, Mv		100

3S7BV1

Russian Tube

High-Durable Triode

Low-Frequency Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEX
Gain	71
Gain Minimum	57
Gain Maximum	85
Filament Voltage, V	3.15
Filament Current, A	0.44
Filament Current, A Minimum	0.4
Filament Current, A Maximum	0.48
Anode Voltage, V	250
Anode Current, A	0.005
Anode Current, A Minimum	0.0032
Anode Current, A Maximum	0.0058
Anode Power, W	1.4
Reverse Grid Current, Ua	0.2
Transconductance, Ma/V	4.2
Transconductance, Ma/V Minimum	3.3
Transconductance, Ma/V Maximum	5.1
Microphonic Noise, Mv	175

3ZH1BV

Russian Tube

High-Durable Penthode

Apllication In Nonrecoverable Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	3.15
Filament Current, A	0.44
Filament Current, A Minimum	0.4
Filament Current, A Maximum	0.48
Anode Voltage, V	120
Anode Current, A	0.008
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.01
Anode Power, W	1.2
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	4.8
Transconductance, Ma/V Minimum	3.6
Transconductance, Ma/V Maximum	6
Microphonic Noise, Mv	180

3ZH2BV

Russian Tube

High-Durable Penthode

Apllication In Nonrecoverable Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	3.15
Filament Current, A	0.44
Filament Current, A Minimum	0.4
Filament Current, A Maximum	0.48
Anode Voltage, V	120
Anode Current, A	0.006
Anode Current, A Minimum	0.0035
Anode Current, A Maximum	0.0075
Anode Power, W	0.9
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	3.8
Transconductance, Ma/V Minimum	2.8
Transconductance, Ma/V Maximum	4.8
Microphonic Noise, Mv	180

4C14S

Russian Tube

Diode

Application In Voltage Regulators

Specifications	
Name	Value
Cathode Type	Tungsten, Direct Heating
Envelope	Glass
Mass, G	32
Socket Type	RSH5
Filament Voltage, V	4
Filament Current, A	1.8
Filament Current, A Minimum	1.6
Filament Current, A Maximum	1.9
Anode Voltage, V	60
Anode Current, A	0.007
Anode Power, W	1.2

4C6S

Russian Tube

Diode

Application In Voltage Regulators

Specifications	
Name	Value
Cathode Type	Tungsten, Direct Heating
Envelope	Glass
Socket Type	RSH5-1
Filament Voltage, V	4
Filament Current, A	1.8
Filament Current, A Minimum	1.6
Filament Current, A Maximum	1.9
Anode Voltage, V	50
Anode Current, A	0.007
Anode Power, W	1

4D17P

Russian Tube

Saturation Diode

Appllication As Sensutive Element In Voltage Stabilisators

Specifications	
Name	Value
Cathode Type	Tungsten, Direct Heating
Envelope	Glass, Miniature
Mass, G	18
Socket Type	RSH8
Filament Voltage, V	4
Filament Current, A	1.8
Filament Current, A Minimum	1.6
Filament Current, A Maximum	1.9
Anode Voltage, V	60
Anode Current, A	0.007
Anode Power, W	1

4D5S

Russian Tube

Diode

Detection

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	6
Socket Type	FLEXIBLE
Filament Voltage, V	4
Filament Current, A	0.21
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.24
Anode Voltage, V	10
Anode Current, A	0.03

4P1L

Russian Tube

Penthode

Oscillation And Power Amplification Up To 100Mhz

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass
Mass, G	35
Socket Type	RSH7
Filament Voltage, V	2.1/4.2
Filament Current, A	0.65/0.325
Anode Voltage, V	150
Anode Current, A	0.06
Anode Power, W	7.5
Grid2 Voltage, V	150
Transconductance, Ma/V	6.2
Transconductance, Ma/V Minimum	4.5
Transconductance, Ma/V Maximum	7.8
Microphonic Noise, Mv	500

4ZH1L

Russian Tube

Penthode

Power And Voltage Amplification, RF Oscillation Up To 200Mhz

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Screened
Mass, G	35
Socket Type	RSH7
Filament Voltage, V	4.2
Filament Current, A	0.225
Filament Current, A Minimum	0.21
Filament Current, A Maximum	0.24
Anode Voltage, V	150
Anode Current, A	0.002
Anode Current, A Minimum	0.0014
Anode Current, A Maximum	0.0033
Anode Power, W	2
Grid1 Voltage, V	-2.1
Grid2 Voltage, V	75
Transconductance, Ma/V	1.7
Transconductance, Ma/V Minimum	1.2
Transconductance, Ma/V Maximum	2.1
Microphonic Noise, Mv	150

5C12P

Russian Tube

High-Voltage Rectifier

Alternative Current Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	25
Socket Type	RSH8
Filament Voltage, V	5
Filament Current, A	0.875
Filament Current, A Minimum	0.8
Filament Current, A Maximum	0.95
Anode Voltage, V	40
Max.Reverse Anode Voltage, Kv	5
Anode Current, A	0.05
Anode Power, W	5

5C3S

Russian Tube
Double-Anode Rectifier
Alternative Current Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass
Mass, G	72
Socket Type	RSH5-1
Filament Voltage, V	5
Filament Current, A	3
Filament Current, A Minimum	2.7
Filament Current, A Maximum	3.3
Anode Voltage, V	75
Max.Reverse Anode Voltage, Kv	1.7
Anode Current, A	0.225

5C4M

Russian Tube
Double-Anode Rectifier
Alternative Current Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Direct Heating
Envelope	Glass
Mass, G	45
Socket Type	RSH5-1
Filament Voltage, V	5
Filament Current, A	2
Filament Current, A Minimum	1.8
Filament Current, A Maximum	2.2
Max.Reverse Anode Voltage, Kv	1.55
Anode Current, A	0.3

5C4S

Russian Tube
Double-Anode Rectifier
Alternative Current Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	55
Socket Type	RSH5-1
Filament Voltage, V	5
Filament Current, A	2
Filament Current, A Minimum	1.8
Filament Current, A Maximum	2.2
Anode Voltage, V	50
Max.Reverse Anode Voltage, Kv	1.35
Anode Current, A	0.3

5C8S

Russian Tube

Double-Anode Rectifier

Alternative Current Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	110
Socket Type	RSH6
Filament Voltage, V	5
Filament Current, A	5
Filament Current, A Minimum	4.25
Filament Current, A Maximum	5.75
Anode Voltage, V	75
Max.Reverse Anode Voltage, Kv	1.7
Anode Current, A	0.3
Anode Power, W	30

5C9S

Russian Tube

Double-Anode Rectifier

Alternative Current Rectification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	95
Socket Type	RSH6
Filament Voltage, V	5
Filament Current, A	3
Filament Current, A Minimum	2.7
Filament Current, A Maximum	3.3
Anode Voltage, V	75
Max.Reverse Anode Voltage, Kv	1.7
Anode Current, A	0.18
Anode Power, W	12

6A10S

Russian Tube

Heptode

Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	45
Socket Type	OCTAL C1-1-5A
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.004
Anode Current, A Minimum	0.0025
Anode Current, A Maximum	0.0045
Anode Power, W	1.1
Grid2 Voltage, V	100
Grid4 Voltage, V	100(fifth=0)
Reverse Grid Current, Ua	2
Transconductance, Ma/V	4.7
Transconductance, Ma/V Minimum	3.5
Transconductance, Ma/V Maximum	5.9

6A11GV

Russian Tube

Heptode

Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	8
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.25
Filament Current, A Minimum	0.225
Filament Current, A Maximum	0.275
Anode Voltage, V	100
Anode Current, A	0.003
Anode Power, W	1.5
Grid1 Voltage, V	-2
Grid2 Voltage, V	100
Grid3 Voltage, V	~8.5
Grid4 Voltage, V	100
Reverse Grid Current, Ua	1
Transconductance, Ma/V	1
Microphonic Noise, Mv	150

6A2P

Russian Tube

Heptode

Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	12
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.003
Anode Power, W	1.1
Grid2 Voltage, V	100
Grid3 Voltage, V	-1.5
Grid4 Voltage, V	100
Reverse Grid Current, Ua	2
Transconductance, Ma/V	0.3
Microphonic Noise, Mv	300

6A3P

Russian Tube

Beam Tube

Application In Limiter, Fm Or Pm Detectors

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	17
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.295
Filament Current, A Minimum	0.27
Filament Current, A Maximum	0.32
Anode Voltage, V	75
Anode Current, A	0.0054
Anode Power, W	1.2
Grid2 Voltage, V	75
Reverse Grid Current, Ua	0.25
Transconductance, Ma/V	1.2
Microphonic Noise, Mv	40

6A4P

Russian Tube

Heptode

Conversion, Application In Pulse Circuits

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.44
Filament Current, A Minimum	0.41
Filament Current, A Maximum	0.47
Anode Voltage, V	200
Anode Current, A	0.034
Anode Power, W	2
Grid1 Voltage, V	-10
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	16
Microphonic Noise, Mv	150

6A7

Russian Tube

Heptode

Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	45
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.0035
Anode Power, W	1.1
Grid2 Voltage, V	100
Grid4 Voltage, V	100(fifth=0)
Transconductance, Ma/V	0.45
Transconductance, Ma/V Minimum	0.3
Transconductance, Ma/V Maximum	0.6
Microphonic Noise, Mv	300

6A8

Russian Tube

Heptode

Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	45
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.003
Anode Power, W	1
Grid2 Voltage, V	250
Grid3 Voltage, V	100
Grid4 Voltage, V	-3(fifth=100)
Transconductance, Ma/V	0.5
Microphonic Noise, Mv	150

6B8

Russian Tube

Double Diode-Penthode

Low-Frequency And IF Voltage Amplification, Detection

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	44
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	penthode-0.01/diode-0.0008
Grid1 Voltage, V	-3
Grid2 Voltage, V	125
Transconductance, Ma/V	1.65
Microphonic Noise, Mv	150

6D10D

Russian Tube

Multiplicating Diode

Frequency Multiplication In UHF Band

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	11
Socket Type	DISC-SHAPED OUTLETS
Filament Voltage, V	6.3
Filament Current, A	0.75
Filament Current, A Minimum	0.74
Filament Current, A Maximum	0.76
Anode Voltage, V	53
Max.Reverse Anode Voltage, Kv	0.1
Anode Current, A	0.008
Anode Power, W	0.5
Microphonic Noise, Mv	75

6D13D

Russian Tube

Shake-Proof UHF Diode

Voltage And Power Measurement

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal-Glass
Mass, G	4
Socket Type	FLEXIBLE AND DISC-SHAPED
Filament Voltage, V	6.3
Filament Current, A	0.21
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.24
Anode Voltage, V	150
Max.Reverse Anode Voltage, Kv	0.45
Anode Power, W	1
Microphonic Noise, Mv	1

6D13DI

Russian Tube

Shake-Proof UHF Diode

Voltage And Power Measurement

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal-Glass
Mass, G	4
Socket Type	FLEXIBLE AND DISC-SHAPED
Filament Voltage, V	6.3
Filament Current, A	0.21
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.24
Anode Voltage, V	300 in pulse
Max.Reverse Anode Voltage, Kv	0.45
Anode Current, A	0.55 in pulse
Anode Power, W	1
Microphonic Noise, Mv	1

6D14P

Russian Tube
Damping Diode
Damping

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	20
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	1.1
Filament Current, A Minimum	1
Filament Current, A Maximum	1.2
Anode Voltage, V	20
Max.Reverse Anode Voltage, Kv	5.6
Anode Current, A	0.175

6D15P

Russian Tube

UHF Diode

UHF Pulse Detection In 2Cm Band

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal-Glass
Mass, G	12
Socket Type	DISC-SHAPED OUTLETS
Filament Voltage, V	6.3
Filament Current, A	0.33
Filament Current, A Minimum	0.3
Filament Current, A Maximum	0.36
Max.Reverse Anode Voltage, Kv	0.2
Anode Current, A	0.008
Anode Power, W	0.5

6D16D

Russian Tube

High-Durable UHF Diode

UHF Pulse Detection Up To 3Ghz

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal-Glass
Mass, G	3.5
Filament Voltage, V	6.3
Filament Current, A	0.24
Filament Current, A Minimum	0.2
Filament Current, A Maximum	0.28
Max.Reverse Anode Voltage, Kv	0.45
Anode Power, W	1

6D20P

Russian Tube

Damping Diode

Application On TV Scan Modules

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	25
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	1.8
Filament Current, A Minimum	1.65
Filament Current, A Maximum	1.95
Anode Voltage, V	30
Max.Reverse Anode Voltage, Kv	6.5
Anode Current, A	0.25
Anode Power, W	5

6D22S

Russian Tube

Damping Diode

Application On TV Scan Modules

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	45
Socket Type	RSH24-1
Filament Voltage, V	6.3
Filament Current, A	1.9
Filament Current, A Minimum	1.75
Filament Current, A Maximum	2.05
Anode Voltage, V	50
Max.Reverse Anode Voltage, Kv	6
Anode Current, A	1.0 in pulse
Anode Power, W	8

6D24N

Russian Tube

UHF Diode

Precisional Detection Of HF And UHF Voltage

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal-Ceramic
Mass, G	2.1
Filament Voltage, V	6.3
Filament Current, A	0.1
Filament Current, A Minimum	0.08
Filament Current, A Maximum	0.12
Max.Reverse Anode Voltage, Kv	1
Anode Current, A	0.0002
Microphonic Noise, Mv	1

6D3D

Russian Tube

UHF Diode

UHF Detection

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	35
Socket Type	RSH5-1 WITH DISK-SHAPED ELECTRODES
Filament Voltage, V	6.3
Filament Current, A	0.775
Filament Current, A Minimum	0.7
Filament Current, A Maximum	0.85
Anode Voltage, V	7
Max.Reverse Anode Voltage, Kv	0.2
Anode Current, A	0.15

6D4ZH

Russian Tube
Diode
HF Detection

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Acorn-Shaped
Mass, G	12
Socket Type	RADIAL PINS
Filament Voltage, V	6.3
Filament Current, A	0.15
Filament Current, A Minimum	0.14
Filament Current, A Maximum	0.16
Anode Voltage, V	125
Max.Reverse Anode Voltage, Kv	0.365

6D6A

Russian Tube
Diode
Detection

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	2.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.5
Filament Current, A Minimum	0.35
Filament Current, A Maximum	0.65
Anode Voltage, V	165
Max.Reverse Anode Voltage, Kv	0.45
Microphonic Noise, Mv	30

6D6AV

Russian Tube
Diode
Detection

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	2.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.5
Filament Current, A Minimum	0.35
Filament Current, A Maximum	0.65
Anode Voltage, V	165
Max.Reverse Anode Voltage, Kv	0.45
Microphonic Noise, Mv	30

6D8D

Russian Tube

Measuring Diode

UHF Detection

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	8
Socket Type	DISC-SHAPED OUTLETS
Filament Voltage, V	6.3
Filament Current, A	0.45
Filament Current, A Minimum	0.4
Filament Current, A Maximum	0.5
Anode Voltage, V	150
Max.Reverse Anode Voltage, Kv	0.15
Anode Power, W	0.01

6E1P

Russian Tube

Light Indicator

Tuning Indicator

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	20
Socket Type	RSH8
Gain	24
Gain Minimum	14
Gain Maximum	34
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	100
Anode Current, A	0.002
Anode Power, W	0.2
Grid1 Voltage, V	-2
Transconductance, Ma/V	0.5
Microphonic Noise, Mv	100

6E2P

Russian Tube

Light Indicator

Visual Tuning Of Fm Receiver

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	20
Socket Type	RSH8
Gain	30
Filament Voltage, V	6.3
Filament Current, A	0.58
Filament Current, A Minimum	0.53
Filament Current, A Maximum	0.63
Anode Voltage, V	150
Anode Current, A	0.0015
Anode Power, W	0.4
Grid1 Voltage, V	-4
Transconductance, Ma/V	1.4
Transconductance, Ma/V Minimum	0.8
Transconductance, Ma/V Maximum	2

6E3P

Russian Tube

Light Indicator

Visual Tuning Of Fm Receiver

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	26
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.23
Anode Voltage, V	250
Anode Current, A	0.00035
Anode Power, W	0.5

6E5S

Russian Tube

Light Indicator

Tuning Indicator

Specifications		
Name		Value
Cathode Type		Oxide, Indirect Heating
Envelope		Glass
Mass, G		42
Socket Type		RSH5-1
Gain		24
Gain Minimum		22
Gain Maximum		26
Filament Voltage, V		6.3
Filament Current, A		0.3
Filament Current, A Minimum		0.275
Filament Current, A Maximum		0.325
Anode Voltage, V		250
Anode Current, A		0.0053
Grid1 Voltage, V		-4
Transconductance, Ma/V		1.2
Transconductance, Ma/V Minimum		0.8
Transconductance, Ma/V Maximum		1.6

6G1

Russian Tube

Double Diode-Triode

Detection And Amplification Lf Voltage

Specifications		
Name		Value
Cathode Type		Oxide, Indirect Heating
Envelope		Metal
Mass, G		40
Socket Type		RSH5-1
Gain		16
Gain Minimum		14
Gain Maximum		18
Filament Voltage, V		6.3
Filament Current, A		0.3
Filament Current, A Minimum		0.275
Filament Current, A Maximum		0.325
Anode Voltage, V		250
Anode Current, A		0.009
Anode Power, W		2.75
Grid1 Voltage, V		-9
Transconductance, Ma/V		1.9
Transconductance, Ma/V Minimum		1.5
Transconductance, Ma/V Maximum		2.3
Microphonic Noise, Mv		150

6G2

Russian Tube

Double Diode-Triode

Detection And Amplification Lf Voltage

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	40
Socket Type	RSH5-1
Gain	100
Gain Minimum	85
Gain Maximum	115
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	triode-0.001/diode-0.0008
Grid1 Voltage, V	-2
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	1.1
Transconductance, Ma/V Minimum	0.8
Transconductance, Ma/V Maximum	1.4
Microphonic Noise, Mv	150

6G3P

Russian Tube

Triple Diode-Triode

Detection Am And Fm Signals And Lf Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Mass, G	15
Socket Type	9-PINS
Gain	63
Filament Voltage, V	6.3
Filament Current, A	0.45
Anode Voltage, V	250
Max.Reverse Anode Voltage, Kv	0.35
Anode Current, A	triode=0.001/1diode=0.0015/2diode=0.025/3diode=0.025
Grid1 Voltage, V	-3
Transconductance, Ma/V	1.3

6G7

Russian Tube

Double Diode-Triode

Detection And Amplification Lf Voltage

Specifications		
Name		Value
Cathode Type		Oxide, Indirect Heating
Envelope		Metal
Mass, G		45
Socket Type		RSH5-1
Gain		70
Gain Minimum		55
Gain Maximum		85
Filament Voltage, V		6.3
Filament Current, A		0.3
Filament Current, A Minimum		0.275
Filament Current, A Maximum		0.325
Anode Voltage, V		250
Anode Current, A		triode-0.0014/diode-0.0008
Anode Power, W		1
Grid1 Voltage, V		-3
Transconductance, Ma/V		1.3
Transconductance, Ma/V Minimum		1
Transconductance, Ma/V Maximum		1.6
Microphonic Noise, Mv		150

6I1P

Russian Tube

Triode-Heptode

Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	20
Socket Type	RSH8
Gain	triode-17.5-28.5
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	triode-100/heptode-250
Anode Current, A	triode-0.0068/heptode-0.0038
Anode Power, W	triode-0.8/heptode-1.7
Grid1 Voltage, V	-2
Grid2 Voltage, V	100
Grid4 Voltage, V	100
Transconductance, Ma/V	triode-2.2
Microphonic Noise, Mv	1000

6I1PEV

Russian Tube

Triode-Heptode, High-Durability

Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	20
Socket Type	RSH8
Gain	triode-17.5-28.5
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	triode-100/heptode-250
Anode Current, A	triode-0.0068/heptode-0.0038
Anode Power, W	triode-0.8/heptode-1.7
Grid1 Voltage, V	-2
Grid2 Voltage, V	100
Grid4 Voltage, V	100
Transconductance, Ma/V	triode-2.2
Microphonic Noise, Mv	1000

6I4P

Russian Tube

Triode-Heptode, Separate Cathode

Application In Aplitude Selector Or Synchropulse Amplifier

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH25
Gain	triode-40-60
Filament Voltage, V	6.3
Filament Current, A	0.45
Filament Current, A Minimum	0.41
Filament Current, A Maximum	0.49
Anode Voltage, V	triode-100/heptode-14
Anode Current, A	triode-0.009/heptode-0.0015
Anode Power, W	triode-1.5/heptode-0.5
Grid1 Voltage, V	heptode-0
Grid2 Voltage, V	heptode-14
Grid3 Voltage, V	heptode-0
Grid4 Voltage, V	heptode-14
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	triode-9/heptode-1.1

6K11BK

Russian Tube

HF Pentode, High-Durability

Application In Input Stages Of Special Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	3.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.2
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.22
Anode Voltage, V	120
Anode Current, A	0.008
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.011
Anode Power, W	1.32
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5.1
Transconductance, Ma/V Minimum	3.6
Transconductance, Ma/V Maximum	6.5
Microphonic Noise, Mv	10

6K13P

Russian Tube

HF Pentode

Application As Wide-Band HF Voltage Amplifier With Automatic Gain Control

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	18
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	200
Anode Current, A	0.012
Anode Current, A Minimum	0.009
Anode Current, A Maximum	0.015
Anode Power, W	2.5
Grid2 Voltage, V	90
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	12.5
Transconductance, Ma/V Minimum	9.5
Transconductance, Ma/V Maximum	15.5
Microphonic Noise, Mv	100

6K14BV

Russian Tube

HF Pentode, High-Durability

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.127
Filament Current, A Minimum	0.114
Filament Current, A Maximum	0.14
Anode Voltage, V	50
Anode Current, A	0.006
Anode Current, A Minimum	0.0035
Anode Current, A Maximum	0.0075
Anode Power, W	0.5
Grid1 Voltage, V	-1
Grid2 Voltage, V	50
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5
Transconductance, Ma/V Minimum	3.5
Transconductance, Ma/V Maximum	6.5
Microphonic Noise, Mv	10

6K15BV

Russian Tube

High-Durability Pentode With Exponential Characteristic Application As Functional Converter

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.445
Filament Current, A Minimum	0.41
Filament Current, A Maximum	0.48
Anode Voltage, V	100
Anode Current, A	0.005
Anode Current, A Minimum	0.003
Anode Current, A Maximum	0.007
Anode Power, W	12
Grid2 Voltage, V	100
Reverse Grid Current, Ua	1
Transconductance, Ma/V	4.0-8.0dB/V
Microphonic Noise, Mv	100

6K16BV

Russian Tube

High-Durability Pentode With Quadratic Characteristic

Application As Functional Converter

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.445
Filament Current, A Minimum	0.41
Filament Current, A Maximum	0.48
Anode Voltage, V	100
Anode Current, A	0.011
Anode Current, A Minimum	0.007
Anode Current, A Maximum	0.015
Anode Power, W	1.2
Grid1 Voltage, V	-4
Grid2 Voltage, V	100
Reverse Grid Current, Ua	1
Microphonic Noise, Mv	200

6K1B

Russian Tube

HF Pentode

Automatic Gain Control

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	3.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.2
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.22
Anode Voltage, V	120
Anode Current, A	0.008
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.011
Anode Power, W	1.2
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5.1
Transconductance, Ma/V Minimum	3.6
Transconductance, Ma/V Maximum	6.6
Microphonic Noise, Mv	180

6K1BV

Russian Tube

HF Pentode

Automatic Gain Control

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	3.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.2
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.22
Anode Voltage, V	120
Anode Current, A	0.008
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.011
Anode Power, W	1.2
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5.1
Transconductance, Ma/V Minimum	3.6
Transconductance, Ma/V Maximum	6.6
Microphonic Noise, Mv	180

6K1P

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	12
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.15
Filament Current, A Minimum	0.14
Filament Current, A Maximum	0.16
Anode Voltage, V	250
Anode Current, A	0.007
Anode Current, A Minimum	0.0045
Anode Current, A Maximum	0.0088
Anode Power, W	1.8
Grid1 Voltage, V	-3
Grid2 Voltage, V	100
Transconductance, Ma/V	1.9
Transconductance, Ma/V Minimum	1.3
Transconductance, Ma/V Maximum	2.4
Microphonic Noise, Mv	400

6K1ZH

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Acorn-Shaped
Mass, G	15
Socket Type	RADIAL PINS
Filament Voltage, V	6.3
Filament Current, A	0.15
Filament Current, A Minimum	0.14
Filament Current, A Maximum	0.16
Anode Voltage, V	250
Anode Current, A	0.007
Anode Current, A Minimum	0.0045
Anode Current, A Maximum	0.0088
Anode Power, W	1.8
Grid1 Voltage, V	-3
Grid2 Voltage, V	100
Transconductance, Ma/V	1.7
Transconductance, Ma/V Minimum	1.3
Transconductance, Ma/V Maximum	2.1
Microphonic Noise, Mv	200

6K3

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	45
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.01
Anode Current, A Minimum	0.007
Anode Current, A Maximum	0.012
Anode Power, W	4.4
Grid1 Voltage, V	-3
Grid2 Voltage, V	100
Transconductance, Ma/V	2
Transconductance, Ma/V Minimum	1.6
Transconductance, Ma/V Maximum	2.4
Microphonic Noise, Mv	120

6K4

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	45
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.012
Anode Current, A Minimum	0.009
Anode Current, A Maximum	0.015
Anode Power, W	3.3
Grid1 Voltage, V	-1
Grid2 Voltage, V	125
Transconductance, Ma/V	4.7
Transconductance, Ma/V Minimum	3.8
Transconductance, Ma/V Maximum	5.6
Microphonic Noise, Mv	400

6K4P

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	13
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.01
Anode Current, A Minimum	0.007
Anode Current, A Maximum	0.013
Anode Power, W	3
Grid2 Voltage, V	100
Transconductance, Ma/V	4.4
Transconductance, Ma/V Minimum	3.5
Transconductance, Ma/V Maximum	5.3
Microphonic Noise, Mv	200

6K4PER

Russian Tube

HF Pentode, High-Durability, Long-Life

HF Voltage Amplification With Automatic Gain Control

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	13
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.01
Anode Current, A Minimum	0.007
Anode Current, A Maximum	0.013
Anode Power, W	3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	4.4
Transconductance, Ma/V Minimum	3.5
Transconductance, Ma/V Maximum	5.3
Microphonic Noise, Mv	180

6K4PEV

Russian Tube

HF Pentode, High-Durability, Long-Life

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	13
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.01
Anode Current, A Minimum	0.007
Anode Current, A Maximum	0.013
Anode Power, W	3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	4.4
Transconductance, Ma/V Minimum	3.5
Transconductance, Ma/V Maximum	5.3
Microphonic Noise, Mv	180

6K6A

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	2.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.127
Filament Current, A Minimum	0.114
Filament Current, A Maximum	0.14
Anode Voltage, V	120
Anode Current, A	0.008
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.01
Anode Power, W	1.3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	4.5
Transconductance, Ma/V Minimum	3.3
Transconductance, Ma/V Maximum	5.7
Microphonic Noise, Mv	150

6K6AV

Russian Tube

HF Pentode, High-Durability

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	2.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.127
Filament Current, A Minimum	0.114
Filament Current, A Maximum	0.14
Anode Voltage, V	120
Anode Current, A	0.008
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.01
Anode Power, W	1.3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	4.5
Transconductance, Ma/V Minimum	3.3
Transconductance, Ma/V Maximum	5.7
Microphonic Noise, Mv	150

6K7

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	44
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.007
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.009
Anode Power, W	3
Grid1 Voltage, V	-3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	1
Transconductance, Ma/V	1.5
Transconductance, Ma/V Minimum	1.2
Transconductance, Ma/V Maximum	1.7
Microphonic Noise, Mv	200

6L1P

Russian Tube

Heptagrid With Histeresys Characteristic

Application In Fast Amplitude Discriminators, Binary Memory And Counter Devices, Limiters

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	18
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.32
Filament Current, A Minimum	0.29
Filament Current, A Maximum	0.35
Anode Voltage, V	150
Anode Current, A	0.016
Anode Current, A Minimum	0.013
Anode Current, A Maximum	0.019
Anode Power, W	3
Grid1 Voltage, V	2.3
Grid1 Voltage, V Minimum	0.5
Grid1 Voltage, V Maximum	4
Grid2 Voltage, V	150

6L2G

Russian Tube

Grid-Beam Tube, High-Durability

Application As Double Controlled Element

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	6
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.19
Filament Current, A Minimum	0.17
Filament Current, A Maximum	0.21
Anode Voltage, V	120
Anode Current, A	0.004
Anode Current, A Minimum	0.002
Anode Current, A Maximum	0.006
Anode Power, W	1
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	4.5
Transconductance, Ma/V Minimum	3
Transconductance, Ma/V Maximum	6
Microphonic Noise, Mv	100

6L7

Russian Tube

Heptod-Mixer

Frequency Conversion

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	46
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.005
Anode Current, A Minimum	0.0027
Anode Current, A Maximum	0.007
Anode Power, W	1.5
Grid1 Voltage, V	-3
Grid2 Voltage, V	100
Grid3 Voltage, V	-3
Grid4 Voltage, V	100
Reverse Grid Current, Ua	2
Transconductance, Ma/V	1.1
Transconductance, Ma/V Minimum	0.9
Transconductance, Ma/V Maximum	1.3
Microphonic Noise, Mv	200

6N1P

Russian Tube

Double Triode

Lf Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH8
Gain	35
Gain Minimum	28
Gain Maximum	42
Filament Voltage, V	6.3
Filament Current, A	0.6
Filament Current, A Minimum	0.55
Filament Current, A Maximum	0.65
Anode Voltage, V	250
Anode Current, A	0.008
Anode Current, A Minimum	0.006
Anode Current, A Maximum	0.009
Anode Power, W	2.2
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	4.5
Transconductance, Ma/V Minimum	3.8
Transconductance, Ma/V Maximum	5.1
Microphonic Noise, Mv	80

6N1PVI

Russian Tube

Double Triode, High-Durability, Pulse Application In Pulse Mode In Special Equipment

Specifications		
Name		Value
Cathode Type		Oxide, Indirect Heating
Envelope		Glass, Miniature
Mass, G		15
Socket Type		RSH8
Gain		35
Gain Minimum		28
Gain Maximum		42
Filament Voltage, V		6.3
Filament Current, A		0.6
Filament Current, A Minimum		0.55
Filament Current, A Maximum		0.65
Anode Voltage, V		250
Anode Current, A		0.008
Anode Current, A Minimum		0.006
Anode Current, A Maximum		0.009
Anode Power, W		2.2
Reverse Grid Current, Ua		0.5
Transconductance, Ma/V		4.5
Transconductance, Ma/V Minimum		3.8
Transconductance, Ma/V Maximum		5.1
Microphonic Noise, Mv		80

6V1P

Russian Tube

Secondary Emission Penthode

Application In Pulse Circuits

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	19
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.4
Filament Current, A Minimum	0.37
Filament Current, A Maximum	0.43
Anode Voltage, V	250/diode-150
Anode Current, A	0.026
Anode Power, W	4.5
Grid2 Voltage, V	250
Transconductance, Ma/V	22-36/diode-16-28
Microphonic Noise, Mv	200

6V1PV

Russian Tube

Secondary Emission Penthode

Application In Pulse Circuits

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	19
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.4
Filament Current, A Minimum	0.37
Filament Current, A Maximum	0.43
Anode Voltage, V	250/diode-150
Anode Current, A	0.026
Anode Power, W	4.5
Grid2 Voltage, V	250
Transconductance, Ma/V	22-36/diode-16-28
Microphonic Noise, Mv	200

6V2P

Russian Tube

Secondary Emission Tetrode

Application In Nonoseconds Pulse Circuits

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	17
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	1.6
Filament Current, A Minimum	1.4
Filament Current, A Maximum	1.8
Anode Voltage, V	600/diode-300
Anode Current, A	1.5 in pulse
Anode Power, W	3
Grid1 Voltage, V	-25
Grid2 Voltage, V	300
Transconductance, Ma/V	220 in pulse/diode-130 in pulse
Microphonic Noise, Mv	300

6V3P

Russian Tube

Secondary Emission Tetrode

Application In Nonoseconds Pulse Circuits

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass
Mass, G	25
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.85
Filament Current, A Minimum	0.8
Filament Current, A Maximum	0.9
Anode Voltage, V	700/1dinode-120/2dinode-350
Anode Current, A	1.5 in pulse
Anode Power, W	5
Grid1 Voltage, V	-25
Grid2 Voltage, V	400
Transconductance, Ma/V	200 in pulse/2dinode-120
Microphonic Noise, Mv	200

6ZH10B

Russian Tube

HF Pentode

Application In Special Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	4.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.25
Filament Current, A Minimum	0.225
Filament Current, A Maximum	0.275
Anode Voltage, V	120
Anode Current, A	0.011
Anode Current, A Minimum	0.007
Anode Current, A Maximum	0.014
Anode Power, W	2.17
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.4
Transconductance, Ma/V	5.3
Transconductance, Ma/V Minimum	3.5
Transconductance, Ma/V Maximum	7
Microphonic Noise, Mv	270

6ZH10BV

Russian Tube

HF Pentode, High-Durability

Application In Special Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	4.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.25
Filament Current, A Minimum	0.225
Filament Current, A Maximum	0.275
Anode Voltage, V	120
Anode Current, A	0.011
Anode Current, A Minimum	0.007
Anode Current, A Maximum	0.014
Anode Power, W	2.17
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.4
Transconductance, Ma/V	5.3
Transconductance, Ma/V Minimum	3.5
Transconductance, Ma/V Maximum	7
Microphonic Noise, Mv	270

6ZH10P

Russian Tube

HF Pentode, Two Grid Controlled

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.538
Filament Current, A Minimum	0.75
Filament Current, A Maximum	0.325
Anode Voltage, V	200
Anode Current, A	0.007
Anode Current, A Minimum	0.004
Anode Current, A Maximum	0.009
Anode Power, W	3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	9
Transconductance, Ma/V Minimum	7
Transconductance, Ma/V Maximum	11
Microphonic Noise, Mv	15

6ZH11P

Russian Tube

HF Pentode

Voltage Amplification In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	17
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.44
Filament Current, A Minimum	0.4
Filament Current, A Maximum	0.48
Anode Voltage, V	150
Anode Current, A	0.025
Anode Current, A Minimum	0.017
Anode Current, A Maximum	0.033
Anode Power, W	4.9
Grid2 Voltage, V	150
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	28
Transconductance, Ma/V Minimum	21
Transconductance, Ma/V Maximum	35
Microphonic Noise, Mv	100

6ZH11PE

Russian Tube

HF Pentode, Long-Life

Voltage Amplification In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	17
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.44
Filament Current, A Minimum	0.41
Filament Current, A Maximum	0.47
Anode Voltage, V	150
Anode Current, A	0.025
Anode Current, A Minimum	0.017
Anode Current, A Maximum	0.033
Anode Power, W	4.9
Grid2 Voltage, V	150
Reverse Grid Current, Ua	0.05
Transconductance, Ma/V	28
Transconductance, Ma/V Minimum	21
Transconductance, Ma/V Maximum	35
Microphonic Noise, Mv	50

6ZH1B

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	3.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.2
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.22
Anode Voltage, V	120
Anode Current, A	0.0075
Anode Power, W	1.2
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	4.8
Transconductance, Ma/V Minimum	3.6
Transconductance, Ma/V Maximum	6
Microphonic Noise, Mv	180

6ZH1BV

Russian Tube

HF Pentode High-Durability

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	3.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.2
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.22
Anode Voltage, V	120
Anode Current, A	0.0075
Anode Power, W	1.2
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5
Transconductance, Ma/V Minimum	3.8
Transconductance, Ma/V Maximum	6.2
Microphonic Noise, Mv	180

6ZH1P

Russian Tube

HF Pentode

HF Wide-Band Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.17
Filament Current, A Minimum	0.155
Filament Current, A Maximum	0.185
Anode Voltage, V	120
Anode Current, A	0.007
Anode Power, W	1.8
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5.2
Transconductance, Ma/V Minimum	3.9
Transconductance, Ma/V Maximum	6.4
Microphonic Noise, Mv	150

6ZH1PER

Russian Tube

HF Pentode Long-Life, High-Durable

HF Wide-Band Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.17
Filament Current, A Minimum	0.155
Filament Current, A Maximum	0.185
Anode Voltage, V	120
Anode Current, A	0.007
Anode Power, W	1.8
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5.5
Transconductance, Ma/V Minimum	4.2
Transconductance, Ma/V Maximum	6.8
Microphonic Noise, Mv	60

6ZH1PEV

Russian Tube

HF Pentode Long-Life

HF Wide-Band Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.17
Filament Current, A Minimum	0.155
Filament Current, A Maximum	0.185
Anode Voltage, V	120
Anode Current, A	0.007
Anode Power, W	1.8
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5.2
Transconductance, Ma/V Minimum	3.9
Transconductance, Ma/V Maximum	6.4
Microphonic Noise, Mv	60

6ZH1ZH

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Acorn-Shaped
Mass, G	15
Socket Type	RADIAL PINS
Filament Voltage, V	6.3
Filament Current, A	0.15
Filament Current, A Minimum	0.135
Filament Current, A Maximum	0.165
Anode Voltage, V	250
Anode Current, A	0.00275
Anode Power, W	0.55
Grid1 Voltage, V	-3
Grid2 Voltage, V	100
Transconductance, Ma/V	1.6
Transconductance, Ma/V Minimum	1
Transconductance, Ma/V Maximum	2.2
Microphonic Noise, Mv	200

6ZH20P

Russian Tube

HF Pentode

Voltage Amplification In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	20
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.45
Filament Current, A Minimum	0.41
Filament Current, A Maximum	0.49
Anode Voltage, V	150
Anode Current, A	0.017
Anode Current, A Minimum	0.012
Anode Current, A Maximum	0.021
Anode Power, W	4
Grid1 Voltage, V	6
Grid3 Voltage, V	150
Reverse Grid Current, Ua	0.15
Transconductance, Ma/V	15.5
Transconductance, Ma/V Minimum	11
Transconductance, Ma/V Maximum	20
Microphonic Noise, Mv	30

6ZH21P

Russian Tube

HF Pentode

Voltage Preamplification In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.345
Filament Current, A Minimum	0.31
Filament Current, A Maximum	0.38
Anode Voltage, V	150
Anode Current, A	0.014
Anode Current, A Minimum	0.008
Anode Current, A Maximum	0.02
Anode Power, W	4
Grid1 Voltage, V	12.6
Grid2 Voltage, V	-1.1
Grid3 Voltage, V	150
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	14.5
Transconductance, Ma/V Minimum	9
Transconductance, Ma/V Maximum	20
Microphonic Noise, Mv	20

6ZH22P

Russian Tube

HF Pentode

Voltage Preamplification In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	18
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.465
Filament Current, A Minimum	0.42
Filament Current, A Maximum	0.51
Anode Voltage, V	150
Anode Current, A	0.03
Anode Current, A Minimum	0.018
Anode Current, A Maximum	0.042
Anode Power, W	7
Grid1 Voltage, V	12.6
Grid2 Voltage, V	-1.2
Grid3 Voltage, V	150
Reverse Grid Current, Ua	0.05
Transconductance, Ma/V	23
Transconductance, Ma/V Minimum	15
Transconductance, Ma/V Maximum	31
Microphonic Noise, Mv	40

6ZH23P

Russian Tube

Double Anode HF Pentode

Voltage Amplification In Wide-Band Amplifiers

Specifications		
Name		Value
Cathode Type	Oxide, Indirect Heating	
Envelope	Glass, Miniature	
Mass, G	17	
Socket Type	RSH8	
Filament Voltage, V	6.3	
Filament Current, A	0.44	
Filament Current, A Minimum	0.4	
Filament Current, A Maximum	0.48	
Anode Voltage, V	150	
Anode Current, A	0.014	
Anode Current, A Minimum	0.008	
Anode Current, A Maximum	0.02	
Anode Power, W	2.45	
Grid2 Voltage, V	150	
Reverse Grid Current, Ua	0.3	
Transconductance, Ma/V	30	
Transconductance, Ma/V Minimum	22	
Transconductance, Ma/V Maximum	38	
Microphonic Noise, Mv	100	

6ZH23PE

Russian Tube

Double Anode HF Pentode, Long-Life

Voltage Amplification In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	17
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.44
Filament Current, A Minimum	0.41
Filament Current, A Maximum	0.47
Anode Voltage, V	150
Anode Current, A	0.014
Anode Current, A Minimum	0.008
Anode Current, A Maximum	0.02
Anode Power, W	2.45
Grid2 Voltage, V	150
Reverse Grid Current, Ua	0.07
Transconductance, Ma/V	30
Transconductance, Ma/V Minimum	22
Transconductance, Ma/V Maximum	38
Microphonic Noise, Mv	50

6ZH2B

Russian Tube

HF Pentode

Application In Pusle-Forming Circuits

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	3.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.2
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.22
Anode Voltage, V	120
Anode Current, A	0.0055
Anode Power, W	0.9
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.2
Transconductance, Ma/V	3.6
Transconductance, Ma/V Minimum	2.6
Transconductance, Ma/V Maximum	4.5
Microphonic Noise, Mv	180

6ZH2BV

Russian Tube

HF Pentode High-Durability

Application In Pusle-Forming Circuits

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	3.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.2
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.22
Anode Voltage, V	120
Anode Current, A	0.0055
Anode Power, W	0.9
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.15
Transconductance, Ma/V	3.8
Transconductance, Ma/V Minimum	2.8
Transconductance, Ma/V Maximum	4.7
Microphonic Noise, Mv	180

6ZH2P

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.17
Filament Current, A Minimum	0.155
Filament Current, A Maximum	0.185
Anode Voltage, V	120
Anode Current, A	0.006
Anode Power, W	1.8
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.2
Transconductance, Ma/V	4.2
Transconductance, Ma/V Minimum	3.2
Transconductance, Ma/V Maximum	5.1
Microphonic Noise, Mv	180

6ZH2PEV

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.17
Filament Current, A Minimum	0.155
Filament Current, A Maximum	0.185
Anode Voltage, V	120
Anode Current, A	0.006
Anode Power, W	1.8
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.15
Transconductance, Ma/V	4.2
Transconductance, Ma/V Minimum	3.2
Transconductance, Ma/V Maximum	5.1
Microphonic Noise, Mv	250 at 10g

6ZH3

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	45
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.538
Filament Current, A Minimum	0.75
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.01
Anode Current, A Minimum	0.008
Anode Current, A Maximum	0.012
Anode Power, W	3.3
Grid1 Voltage, V	-1
Grid2 Voltage, V	150
Transconductance, Ma/V	4.9
Transconductance, Ma/V Minimum	3.9
Transconductance, Ma/V Maximum	5.9
Microphonic Noise, Mv	400

6ZH31BK

Russian Tube

HF Pentode

Application In First Stages Of Special Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	3.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.2
Filament Current, A Minimum	0.18
Filament Current, A Maximum	0.22
Anode Voltage, V	120
Anode Current, A	0.008
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.01
Anode Power, W	1.32
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5
Transconductance, Ma/V Minimum	3.8
Transconductance, Ma/V Maximum	6.2
Microphonic Noise, Mv	10

6ZH32B

Russian Tube

HF Pentode

HF And Lf Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	4
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.165
Filament Current, A Minimum	0.145
Filament Current, A Maximum	0.185
Anode Voltage, V	120
Anode Current, A	0.006
Anode Current, A Minimum	0.004
Anode Current, A Maximum	0.008
Anode Power, W	1.2
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	6
Transconductance, Ma/V Minimum	4
Transconductance, Ma/V Maximum	8
Microphonic Noise, Mv	15

6ZH32P

Russian Tube

Pentode

Application In Sound-Recording Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.2
Filament Current, A Minimum	0.185
Filament Current, A Maximum	0.215
Anode Voltage, V	250
Anode Current, A	0.003
Anode Current, A Minimum	0.002
Anode Current, A Maximum	0.004
Anode Power, W	1
Grid2 Voltage, V	140
Transconductance, Ma/V	1.8
Transconductance, Ma/V Minimum	1.3
Transconductance, Ma/V Maximum	2.3
Microphonic Noise, Mv	80

6ZH33A

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	2.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.128
Filament Current, A Minimum	0.115
Filament Current, A Maximum	0.14
Anode Voltage, V	120
Anode Current, A	0.008
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.01
Anode Power, W	1.3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	4.5
Transconductance, Ma/V Minimum	3.3
Transconductance, Ma/V Maximum	5.7
Microphonic Noise, Mv	150

6ZH33AV

Russian Tube

HF Pentode, High-Durability

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	2.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.128
Filament Current, A Minimum	0.115
Filament Current, A Maximum	0.14
Anode Voltage, V	120
Anode Current, A	0.008
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.01
Anode Power, W	1.3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	4.5
Transconductance, Ma/V Minimum	3.3
Transconductance, Ma/V Maximum	5.7
Microphonic Noise, Mv	150

6ZH35BV

Russian Tube

HF Pentode, Double Control, High-Durability

Application In Pulse-Forming Circuits

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	3.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.128
Filament Current, A Minimum	0.115
Filament Current, A Maximum	0.14
Anode Voltage, V	120
Anode Current, A	0.006
Anode Current, A Minimum	0.0035
Anode Current, A Maximum	0.0075
Anode Power, W	0.9
Grid1 Voltage, V	-2
Grid2 Voltage, V	110
Reverse Grid Current, Ua	0.15
Transconductance, Ma/V	3.1
Transconductance, Ma/V Minimum	2.2
Transconductance, Ma/V Maximum	4
Microphonic Noise, Mv	200

6ZH38P

Russian Tube

HF Pentode

Wide-Band Voltage Amplification Up To 300Mhz

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.19
Filament Current, A Minimum	0.17
Filament Current, A Maximum	0.21
Anode Voltage, V	150
Anode Current, A	0.011
Anode Current, A Minimum	0.008
Anode Current, A Maximum	0.014
Anode Power, W	3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.2
Transconductance, Ma/V	10.6
Microphonic Noise, Mv	150

6ZH38PE

Russian Tube

HF Pentode

Wide-Band Voltage Amplification Up To 300Mhz

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.19
Filament Current, A Minimum	0.17
Filament Current, A Maximum	0.21
Anode Voltage, V	150
Anode Current, A	0.011
Anode Current, A Minimum	0.008
Anode Current, A Maximum	0.014
Anode Power, W	3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	10.6
Microphonic Noise, Mv	100

6ZH38PEV

Russian Tube

HF Pentode

Wide-Band Voltage Amplification Up To 300Mhz

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.19
Filament Current, A Minimum	0.17
Filament Current, A Maximum	0.21
Anode Voltage, V	150
Anode Current, A	0.011
Anode Current, A Minimum	0.008
Anode Current, A Maximum	0.014
Anode Power, W	3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	10.6
Transconductance, Ma/V Minimum	7.6
Transconductance, Ma/V Maximum	13.6
Microphonic Noise, Mv	100

6ZH39GV

Russian Tube

Pentode, High-Durability

Application In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	7
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.44
Filament Current, A Minimum	0.41
Filament Current, A Maximum	0.47
Anode Voltage, V	100
Anode Current, A	0.026
Anode Current, A Minimum	0.018
Anode Current, A Maximum	0.033
Anode Power, W	3.3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	29
Transconductance, Ma/V Minimum	20
Transconductance, Ma/V Maximum	38
Microphonic Noise, Mv	75

6ZH3P

Russian Tube

HF Tetrode With Pethode Characteristic

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	12
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.28
Filament Current, A Maximum	0.32
Anode Voltage, V	250
Anode Current, A	0.007
Anode Power, W	2.5
Grid2 Voltage, V	150
Reverse Grid Current, Ua	1
Transconductance, Ma/V	5
Transconductance, Ma/V Minimum	4
Transconductance, Ma/V Maximum	6
Microphonic Noise, Mv	250

6ZH3PE

Russian Tube

HF Tetrode High-Durability

Application In Aplification Stages In Special Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	12
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.28
Filament Current, A Maximum	0.32
Anode Voltage, V	250
Anode Current, A	0.007
Anode Power, W	2.5
Grid1 Voltage, V	-2
Reverse Grid Current, Ua	4
Transconductance, Ma/V	5
Transconductance, Ma/V Minimum	4
Transconductance, Ma/V Maximum	6
Microphonic Noise, Mv	50

6ZH4

Russian Tube

HF Pentode

RF And IF Voltage Amplification In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	43
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.45
Filament Current, A Minimum	0.425
Filament Current, A Maximum	0.475
Anode Voltage, V	300
Anode Current, A	0.01
Anode Current, A Minimum	0.008
Anode Current, A Maximum	0.012
Anode Power, W	3.3
Grid2 Voltage, V	150
Reverse Grid Current, Ua	6
Transconductance, Ma/V	9
Transconductance, Ma/V Minimum	7
Transconductance, Ma/V Maximum	11
Microphonic Noise, Mv	500

6ZH43PE

Russian Tube

Double Anode HF Pentode

Application In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	17
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.44
Filament Current, A Minimum	0.41
Filament Current, A Maximum	0.47
Anode Voltage, V	150
Anode Current, A	0.015
Anode Current, A Minimum	0.009
Anode Current, A Maximum	0.02
Anode Power, W	3.1
Grid2 Voltage, V	150
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	14.5
Transconductance, Ma/V Minimum	10
Transconductance, Ma/V Maximum	19
Microphonic Noise, Mv	50

6ZH44P

Russian Tube

Penthode

Application In Wide-Band IF Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.6
Anode Voltage, V	150
Anode Current, A	0.026
Anode Current, A Minimum	0.02
Anode Current, A Maximum	0.032
Anode Power, W	4.5
Grid1 Voltage, V	18
Grid3 Voltage, V	150
Reverse Grid Current, Ua	1
Transconductance, Ma/V	26
Transconductance, Ma/V Minimum	20
Transconductance, Ma/V Maximum	32

6ZH45BV

Russian Tube

HF Pentode, High-Durability

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.125
Filament Current, A Minimum	0.115
Filament Current, A Maximum	0.135
Anode Voltage, V	50
Anode Current, A	0.005
Anode Current, A Minimum	0.003
Anode Current, A Maximum	0.007
Anode Power, W	0.5
Grid1 Voltage, V	-1
Grid2 Voltage, V	50
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	5.4
Transconductance, Ma/V Minimum	4
Transconductance, Ma/V Maximum	6.8
Microphonic Noise, Mv	10

6ZH46BV

Russian Tube

HF Pentode, Double Control, High-Durability

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.125
Filament Current, A Minimum	0.115
Filament Current, A Maximum	0.135
Anode Voltage, V	50
Anode Current, A	0.005
Anode Current, A Minimum	0.003
Anode Current, A Maximum	0.007
Anode Power, W	0.5
Grid1 Voltage, V	-1
Grid2 Voltage, V	50
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	4.5
Transconductance, Ma/V Minimum	3
Transconductance, Ma/V Maximum	6
Microphonic Noise, Mv	10

6ZH49PD

Russian Tube

HF Pentode, Double Control, High-Durability

Application In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	150
Anode Current, A	0.015
Anode Current, A Minimum	0.011
Anode Current, A Maximum	0.019
Anode Power, W	2.85
Grid2 Voltage, V	150
Reverse Grid Current, Ua	0.05
Transconductance, Ma/V	17.5
Transconductance, Ma/V Minimum	14
Transconductance, Ma/V Maximum	21
Microphonic Noise, Mv	40

6ZH4P

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	13
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.011
Anode Current, A Minimum	0.008
Anode Current, A Maximum	0.014
Anode Power, W	3.5
Grid2 Voltage, V	150
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	5.9
Transconductance, Ma/V Minimum	4.8
Transconductance, Ma/V Maximum	7
Microphonic Noise, Mv	180

6ZH4V

Russian Tube

HF Pentode

Application In Cpecial Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	43
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.45
Filament Current, A Minimum	0.425
Filament Current, A Maximum	0.475
Anode Voltage, V	300
Anode Current, A	0.01
Anode Current, A Minimum	0.008
Anode Current, A Maximum	0.012
Anode Power, W	3.3
Grid2 Voltage, V	150
Reverse Grid Current, Ua	6
Transconductance, Ma/V	9
Transconductance, Ma/V Minimum	7
Transconductance, Ma/V Maximum	11
Microphonic Noise, Mv	400

6ZH50P

Russian Tube

HF Pentode

Application In First Stages Of Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	15
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	150
Anode Current, A	0.025
Anode Current, A Minimum	0.015
Anode Current, A Maximum	0.035
Anode Power, W	5.3
Grid2 Voltage, V	150
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	35
Transconductance, Ma/V Minimum	25
Transconductance, Ma/V Maximum	45
Microphonic Noise, Mv	100

6ZH51P

Russian Tube

HF Pentode

Application In Wide-Band IF Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	18
Socket Type	RSH8
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	200
Anode Current, A	0.009
Anode Current, A Minimum	0.006
Anode Current, A Maximum	0.011
Anode Power, W	2.5
Grid2 Voltage, V	200
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	15.5
Transconductance, Ma/V Minimum	11.5
Transconductance, Ma/V Maximum	19.5

6ZH52P

Russian Tube

Low-Noise Wide-Band Pentode

Voltage Amplification In Wide-Band Amplifiers

Specifications		
Name		Value
Cathode Type		Oxide, Indirect Heating
Envelope		Glass, Miniature
Mass, G		15
Socket Type		RSH8
Filament Voltage, V		6.3
Filament Current, A		0.33
Filament Current, A Minimum		0.29
Filament Current, A Maximum		0.37
Anode Voltage, V		100
Anode Current, A		0.042
Anode Current, A Minimum		0.03
Anode Current, A Maximum		0.054
Anode Power, W		10
Grid2 Voltage, V		150
Reverse Grid Current, Ua		0.2
Transconductance, Ma/V		55.5
Transconductance, Ma/V Minimum		43
Transconductance, Ma/V Maximum		68
Microphonic Noise, Mv		500

6ZH53P

Russian Tube

HF Pentode

Voltage Amplification In Wide-Band Amplifiers

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	11
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.175
Filament Current, A Minimum	0.155
Filament Current, A Maximum	0.195
Anode Voltage, V	150
Anode Current, A	0.013
Anode Current, A Minimum	0.009
Anode Current, A Maximum	0.017
Anode Power, W	3.5
Grid2 Voltage, V	150
Reverse Grid Current, Ua	0.2
Transconductance, Ma/V	19
Microphonic Noise, Mv	100

6ZH54N

Russian Tube

Pentode

Universal Application

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Nuvistor-Type, Metal-Ceramic
Mass, G	5
Socket Type	R-2
Filament Voltage, V	6.3
Filament Current, A	0.14
Filament Current, A Minimum	0.12
Filament Current, A Maximum	0.16
Anode Voltage, V	27
Anode Current, A	0.007
Anode Current, A Minimum	0.004
Anode Current, A Maximum	0.009
Anode Power, W	1.5
Grid2 Voltage, V	27
Reverse Grid Current, Ua	0.1
Transconductance, Ma/V	8.3
Transconductance, Ma/V Minimum	6
Transconductance, Ma/V Maximum	10.5
Microphonic Noise, Mv	30

6ZH5B

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	4.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.25
Filament Current, A Minimum	0.225
Filament Current, A Maximum	0.275
Anode Voltage, V	120
Anode Current, A	0.016
Anode Current, A Minimum	0.01
Anode Current, A Maximum	0.022
Anode Power, W	2.4
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	10
Transconductance, Ma/V Minimum	7.5
Transconductance, Ma/V Maximum	12.5
Microphonic Noise, Mv	270

6ZH5BV

Russian Tube

HF Pentode, High-Durability

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	4.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.25
Filament Current, A Minimum	0.225
Filament Current, A Maximum	0.275
Anode Voltage, V	120
Anode Current, A	0.016
Anode Current, A Minimum	0.01
Anode Current, A Maximum	0.022
Anode Power, W	2.4
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	10
Transconductance, Ma/V Minimum	7.5
Transconductance, Ma/V Maximum	12.5
Microphonic Noise, Mv	270

6ZH5BVR

Russian Tube

Pentode

Application In Special Equipment

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	4.5
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.25
Filament Current, A Minimum	0.225
Filament Current, A Maximum	0.275
Anode Voltage, V	120
Anode Current, A	0.016
Anode Current, A Minimum	0.01
Anode Current, A Maximum	0.022
Anode Power, W	2.6
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.2
Transconductance, Ma/V	10
Transconductance, Ma/V Minimum	7.5
Transconductance, Ma/V Maximum	12.5
Microphonic Noise, Mv	270

6ZH5P

Russian Tube

Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	12
Socket Type	RSH4
Filament Voltage, V	6.3
Filament Current, A	0.45
Filament Current, A Minimum	0.425
Filament Current, A Maximum	0.475
Anode Voltage, V	300
Anode Current, A	0.073
Anode Current, A Minimum	0.005
Anode Current, A Maximum	0.14
Anode Power, W	3.6
Grid1 Voltage, V	-2
Grid2 Voltage, V	150
Reverse Grid Current, Ua	0.3
Transconductance, Ma/V	9.5
Transconductance, Ma/V Minimum	8
Transconductance, Ma/V Maximum	11
Microphonic Noise, Mv	150

6ZH7

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	44
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.002-
Anode Power, W	0.8
Grid1 Voltage, V	-3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	1.3
Transconductance, Ma/V Minimum	1
Transconductance, Ma/V Maximum	1.5
Microphonic Noise, Mv	200

6ZH8

Russian Tube

HF Pentode

HF Voltage Amplification

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Metal
Mass, G	42
Socket Type	RSH5-1
Filament Voltage, V	6.3
Filament Current, A	0.3
Filament Current, A Minimum	0.275
Filament Current, A Maximum	0.325
Anode Voltage, V	250
Anode Current, A	0.003
Anode Current, A Minimum	0.002
Anode Current, A Maximum	0.004
Anode Power, W	2.8
Grid1 Voltage, V	-3
Grid2 Voltage, V	100
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	1.7
Transconductance, Ma/V Minimum	1.3
Transconductance, Ma/V Maximum	2
Microphonic Noise, Mv	100

6ZH9G

Russian Tube

HF Pentode

Application In Wide-Band Amplifier

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	6
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.36
Filament Current, A Minimum	0.38
Filament Current, A Maximum	0.34
Anode Voltage, V	120
Anode Current, A	0.015
Anode Current, A Minimum	0.01
Anode Current, A Maximum	0.02
Anode Power, W	2.4
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	17.3
Transconductance, Ma/V Minimum	13
Transconductance, Ma/V Maximum	21.5
Microphonic Noise, Mv	70

6ZH9GV

Russian Tube

HF Pentode, High-Durability

Application In Wide-Band Amplifier

Specifications	
Name	Value
Cathode Type	Oxide, Indirect Heating
Envelope	Glass, Miniature
Mass, G	6
Socket Type	FLEXIBLE
Filament Voltage, V	6.3
Filament Current, A	0.36
Filament Current, A Minimum	0.38
Filament Current, A Maximum	0.34
Anode Voltage, V	120
Anode Current, A	0.015
Anode Current, A Minimum	0.01
Anode Current, A Maximum	0.02
Anode Power, W	2.4
Grid2 Voltage, V	120
Reverse Grid Current, Ua	0.5
Transconductance, Ma/V	17.3
Transconductance, Ma/V Minimum	13
Transconductance, Ma/V Maximum	21.5
Microphonic Noise, Mv	70

6ZH9PE

Russian Tube

HF Pentode, High-Durability

RF And IF Voltage Amplification In Wide-Band Amplifiers

Specifications		
Name		Value
Cathode Type		Oxide, Indirect Heating
Envelope		Glass, Miniature
Mass, G		15
Socket Type		RSH8
Filament Voltage, V		6.3
Filament Current, A		0.295
Filament Current, A Minimum		0.275
Filament Current, A Maximum		0.315
Anode Voltage, V		150
Anode Current, A		0.015
Anode Current, A Minimum		0.011
Anode Current, A Maximum		0.019
Anode Power, W		3
Grid2 Voltage, V		150
Reverse Grid Current, Ua		0.05
Transconductance, Ma/V		17.5
Transconductance, Ma/V Minimum		14
Transconductance, Ma/V Maximum		21
Microphonic Noise, Mv		40