



ELECTRONIC TUBE REFERENCE

6J6L

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Long-life common-cathode twin triode intended for high-frequency amplifier, oscillator, and mixer service at frequencies extending to roughly 600 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E7-1	BASE PINS	7
NOMINAL HEATER	6.3 V / 330 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	7200 Ω
TRANSCONDUCTANCE	0.0053 S
AMPLIFICATION FACTOR	38
<i>Promoted characteristic values are from the supplied datasheet; additional operating points and ranges are preserved in TUBE_SECTION_PARAMETER.</i>	

SECTION2 Triode	
PLATE RESISTANCE	7200 Ω
TRANSCONDUCTANCE	0.0053 S
AMPLIFICATION FACTOR	38
<i>Second physical triode section; electrically identical twin section.</i>	

Twin triode with common cathode for high-frequency amplifier, oscillator or mixer service up to about 600 MHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Ericsson Longlife

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

1965 ERICSSON LONGLIFE

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate supply voltage	100 V	ClassA;EachSection
Cathode bias resistor	68 0hm	ClassA;BothSections
Plate current	6.5 mA	ClassA;EachSection
Plate supply voltage	130 V	ClassA;EachSection
Cathode bias resistor	100 0hm	ClassA;BothSections
Plate current	7.7 mA	ClassA;EachSection
Transconductance minimum	4200 uS	EachSection
Transconductance maximum	6400 uS	EachSection

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	5000 uS	ClassA;EachSection;Va=100V
Amplification factor	38 ratio	ClassA;EachSection
Plate resistance	7500 0hm	ClassA;EachSection;Va=100V
Transconductance	5300 uS	ClassA;EachSection;Va=130V
Amplification factor	38 ratio	ClassA;EachSection
Plate resistance	7200 0hm	ClassA;EachSection;Va=130V

TUBE TINKER

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