

ELECTRONIC TUBE REFERENCE

6610

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

Medium-mu twin triode with a low-current 6.3-volt heater, intended for general amplifier service where modest heater power and paired triode sections are useful.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6CG	BASE PINS	6
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	3500 Ω
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	14
MAXIMUM PLATE VOLTAGE	300 V
Published maximum ratings, representative operating conditions, and available capacitance/rectifier data reviewed.	

SECTION2 Triode	
PLATE RESISTANCE	3500 Ω
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	14
MAXIMUM PLATE VOLTAGE	300 V
Second physical triode restored under current one-row-per-physical-section policy.	

6610 is listed in the supplied receiving-tube handbook as a medium-mu twin triode. The published heater/filament rating is 6.3 V at 0.15 A. Maximum ratings, representative operating characteristics, and available special-service data were captured from the supplied table.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	300 V	Published handbook rating
Plate voltage	90 V	ClassA
Control-grid bias	1.5 V	ClassA
Plate current	17 mA	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	3500 ohm	Published handbook characteristic
Transconductance	4000 μ S	Published handbook characteristic
Amplification factor	14	Published handbook characteristic
Heater/filament voltage	6.3 V	Published heater/filament rating
Heater/filament current	150 mA	Published heater/filament rating

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