



ELECTRONIC TUBE REFERENCE

3C150A

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Directly heated high-frequency transmitting triode for RF power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	10 V / 3.4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	3800 Ω
TRANSCONDUCTANCE	0.00475 S
AMPLIFICATION FACTOR	18
MAXIMUM PLATE VOLTAGE	2500 V
MAXIMUM PLATE DISSIPATION	150 W
MAXIMUM CATHODE CURRENT	200 mA
Published triode ratings/characteristics promoted from the approved datasheet.	

3C150A is a high frequency triode described in the Standard Valves datasheet. The source provides construction, electrical constants, limiting conditions, and operating information.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	7.3 pF	Direct inter-electrode capacitance
Grid-filament capacitance	8.6 pF	Direct inter-electrode capacitance
Anode-filament capacitance	1.1 pF	Direct inter-electrode capacitance