

ELECTRONIC TUBE REFERENCE

7316

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

Medium-mu twin triode designed for long-life reliable amplifier service, with two similar sections and stable characteristics for professional electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	6250 Ω
TRANSCONDUCTANCE	0.0031 S
AMPLIFICATION FACTOR	19.5
Published ratings, characteristics, operating conditions and special-service data reviewed.	

SECTION2 Triode	
PLATE RESISTANCE	6250 Ω
TRANSCONDUCTANCE	0.0031 S
AMPLIFICATION FACTOR	19.5
Second physical triode restored.	

7316 is listed in the supplied Amperex material as a medium-mu long-life reliable twin triode. Published electrical ratings and operating data were captured from the supplied table.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Amperex Condensed

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

1963 AMPEREX CONDENSED

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	6.3 V	Published rating
Heater/filament current	300 mA	Published rating
Plate resistance	6250 ohm	LongLife
Transconductance	3100 μ S	LongLife
Amplification factor	19.5	LongLife

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	100 V	LongLife
Control-grid bias	-1.8 V	LongLife