



ELECTRONIC TUBE REFERENCE

ACT25

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled disc-seal transmitting triode for wideband UHF amplifier and oscillator service to approximately 1 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	13.5 V / 2.8 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.035 S
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	400 W
Published maximum ratings and characteristics audited; remaining useful numerical data retained in TUBE_SECTION_PARAMETER.	

The ACT25 is a forced-air-cooled disc-seal transmitting triode for wide-band UHF amplifier and oscillator service in coaxial-line or cavity circuits up to about 1 GHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
at a pressure equal to a	2	at a pressure equal to a 2}-in. head of water. The grid
air necessary is about	5	air necessary is about 5 cu. ft. per minute. All cooling
any supply voltages, and must continue until after all [1]	2.73 V	any supply voltages, and must continue until after all 2.73' 225
any supply voltages, and must continue until after all [2]	225 V	any supply voltages, and must continue until after all 2.73' 225
u	75	u 75 CATHODE.