



ELECTRONIC TUBE REFERENCE

ACM3

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Triode for general electronic service. Available source material does not establish a narrower functional application confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6 V / 1.7 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.027 S
AMPLIFICATION FACTOR	14
MAXIMUM PLATE DISSIPATION	2000 W
<i>Published maximum ratings and characteristics audited; remaining useful numerical data retained in TUBE_SECTION_PARAMETER. Marconi ACM3 forced-air-cooled video-frequency modulator and cathode-follower triode, oxide-coated indirectly heated cathode. Maximum anode dissipation 2 kW. Source states maximum PEAK cathode current 2 A, which is not promoted to unrestricted maximum cathode current. Cooling required before applying supply voltages and maintained until all voltages are removed.</i>	

The ACM3 is a forced-air-cooled triode with an indirectly heated oxide cathode, designed for video-frequency modulator and cathode-follower service.

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
use as a video frequency modulator and cathode I	17	use as a video frequency modulator and cathode I 17 A
follower. The ACM	3	follower. The ACM 3 is not suitable for positive grid t
Cooling. The anode requires cooling by air blast. The Pa (max)	2 kW	Cooling. The anode requires cooling by air blast. The Pa (max) 2 kw
a pressure equal to a [1]	1	a pressure equal to a 1-in. head of water. The grid seal u 14
a pressure equal to a [2]	14	a pressure equal to a 1-in. head of water. The grid seal u 14
equal to a [1]	1	equal to a 1-in. head of water. All cooling supplies 6 P
equal to a [2]	6	equal to a 1-in. head of water. All cooling supplies 6 P
supply voltages, and must continue until all voltages Ce,k	20 V	supply voltages, and must continue until all voltages Ce,k 20 pF

TUBE TINKER

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