



ELECTRONIC TUBE REFERENCE

MC2200

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Directly heated modulator and RF/LF power triode providing about 74 watts Class-A modulator output and 716 watts from two tubes in Class-B.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.006 S
AMPLIFICATION FACTOR	12
<i>Directly heated modulator, RF and low-frequency amplifier triode</i>	

MC2200 is a directly heated modulator, rf and low-frequency amplifier triode. The supplied Philips datasheet was read for construction, heater or filament data, limiting ratings, characteristic constants, operating conditions, capacitances, screen data, and application information where published.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-grid capacitance	15.5 pF	—
Grid capacitance	26.5 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Class A modulator output power	74 W	ClassA
Class B modulator output power	716 W	ClassB TwoTubes