

ELECTRONIC TUBE REFERENCE

CV228

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
KLYSTRON

British CV-designated velocity-modulated microwave oscillator, equivalent to the V246A1K, for microwave oscillator applications.

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 Klystron
No fixed ratings recorded.
Explicit alternate designation printed on V246A1K datasheet.

CV228 is the printed equivalent/CV designation on the V246A1K velocity-modulated oscillator datasheet.



SOURCE OPERATING CONDITIONS

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 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating frequency range	4400–4850 MHz	Published operating frequency range



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum mean input power	15 W	—
Maximum peak cathode current	500 mA	—
CW output power	0.5 W	6.45 cm; not less than
Pulse output power	20 W	Less than 10% duty cycle
Magnetic field	1200 oersted	Approximate

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