



ELECTRONIC TUBE REFERENCE

TV2212

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Reflex klystron for microwave communications around 11 GHz, intended as a stable low-power oscillator or local oscillator using a relatively low-voltage supply.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Klystron

No fixed ratings recorded.

Published ratings and characteristics audited; detailed numeric data retained in parameter table.

The TV2212 is a reflex klystron for microwave communication service around the 11 GHz band. It is intended for stable low-power oscillator service and can be used as a local oscillator with a low-voltage supply.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1972 Thomson CSF

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

1972 THOMSON CSF

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
The TV [1]	2211	The TV 2211 tubes are now available with a minimum output of 750 mW
The TV [2]	750	The TV 2211 tubes are now available with a minimum output of 750 mW
beam voltage and	-400 V	beam voltage and -400 V max reflector voltage to provide the customers
the transportable television relays frequency allocation of [1]	1	the transportable television relays frequency allocation of 1 2.7 to 1 3.25 Gc,
the transportable television relays frequency allocation of [2]	2.7	the transportable television relays frequency allocation of 1 2.7 to 1 3.25 Gc,
the transportable television relays frequency allocation of [3]	1	the transportable television relays frequency allocation of 1 2.7 to 1 3.25 Gc,
the transportable television relays frequency allocation of [4]	3.25	the transportable television relays frequency allocation of 1 2.7 to 1 3.25 Gc,
For applications where only	500	For applications where only 500 mW output is required, THOMSON-
frequency allocation of [1]	1	frequency allocation of 1 0, 7 to 11 07 Gc with one tube designated
frequency allocation of [2]	0	frequency allocation of 1 0, 7 to 11 07 Gc with one tube designated
frequency allocation of [3]	7	frequency allocation of 1 0, 7 to 11 07 Gc with one tube designated
frequency allocation of [4]	11	frequency allocation of 1 0, 7 to 11 07 Gc with one tube designated

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
frequency allocation of [5]	7	frequency allocation of 1 0, 7 to 11 07 Gc with one tube designated