

ELECTRONIC TUBE REFERENCE

# OM738ARO

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION  
CONSTRUCTION  
CATHODERAY

Large-screen high-definition aluminized CRT with electromagnetic focusing and deflection and orange long-persistence phosphor, reinforced for military and professional display equipment.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 4 V / 800 mA      | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SECTION1 Cathode Ray                                                                                                                                   |
| No fixed ratings recorded.<br><br>Published promoted ratings/characteristics retained where readable; additional values are in TUBE_SECTION_PARAMETER. |

Large-screen high-definition aluminized CRT with electromagnetic focus and deflection, orange long-persistence phosphor, reinforced for military and professional equipment.

## SOURCE OPERATING CONDITIONS

# 1958 Compagnie General

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

## 1958 COMPAGNIE GENERAL

## Section 1 · Cathode Ray

| OTHER                  |                 |                      |
|------------------------|-----------------|----------------------|
| PARAMETER              | PUBLISHED VALUE | CONDITION / NOTE     |
| Focus method           | <b>1 code</b>   | Electromagnetic      |
| Deflection method      | <b>1 code</b>   | Electromagnetic      |
| Plate voltage          | <b>7000 V</b>   | LowerPublishedColumn |
| Plate voltage          | <b>11000 V</b>  | UpperPublishedColumn |
| Plate voltage          | <b>10000 V</b>  | —                    |
| Heater current minimum | <b>720 mA</b>   | —                    |
| Heater current maximum | <b>880 mA</b>   | —                    |

| CAPACITANCE         |                 |                      |
|---------------------|-----------------|----------------------|
| PARAMETER           | PUBLISHED VALUE | CONDITION / NOTE     |
| Cathode capacitance | <b>6 pF</b>     | ToAllOtherElectrodes |
| Grid capacitance    | <b>7 pF</b>     | ToAllOtherElectrodes |

## TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,  
and their source documents.

[Catalog](#)   [Tube types](#)   [Full books](#)   [Blog](#)   [Feedback & corrections](#)

© 2026 Tube Tinker