



ELECTRONIC TUBE REFERENCE

F9126

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PHOTOEMISSIVE DETECTOR

Ultra-fast photoelectric cell designed for analysis of low-power laser light and modulated optical signals to approximately 600 MHz. Its very rapid response supports high-speed optical waveform and modulation measurements.

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 Photoemissive Detector

No fixed ratings recorded.

Published ratings and characteristics promoted from the supplied CSF source where explicitly available.

Ultra-fast photoelectric cell for analysis of low-power laser light and modulated optical signals to about 600 MHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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 · PhotoemissiveDetector

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PhotocathodeType	S1 semitransparent	—
AverageOperatingVoltage	200 V	—
Capacitance	2.2 pF	—
CharacteristicImpedance	75 ohm	—
UsefulDiameter	11 mm	—
ApplicationFrequency	600 MHz	ModulatedLightDetection

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AverageCurrentMaximum	1 uA	—
PhotocathodeRiseTimeMaximum	1e-9 s	—

TUBE TINKER

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and their source documents.

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