

Electrostatic or cascaded image-intensifier tube designed for night viewing or specialized ultraviolet/low-light imaging.

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

SECTION1 ImageConverterIntensifier

No fixed ratings recorded.

Electron-optical image-intensifier structure; specialized photocathode/focus/screen values retained as parameters.

The Thomson-CSF TH9476 is a 25 mm single-stage electrostatic-focus night-vision image intensifier.

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 · ImageConverterIntensifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum photocathode-to-screen/anode voltage	18 kV	—
Maximum photocathode current	0.1 uA	—
Maximum photocathode illumination	1 lux	—
Typical screen voltage	16 kV	—
Photocathode sensitivity	175–200 uA/lm	—
Typical ambient temperature	20 C	—
Typical photocathode voltage	0 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Useful photocathode diameter	25 mm	—
Photocathode type	S20	—