

Compact ten-stage S-11 multiplier phototube with an integral potted voltage-divider network. The built-in divider simplifies high-gain low-light detection systems by integrating the dynode bias network with the photomultiplier.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Photomultiplier	
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM CATHODE CURRENT	5 mA
Published electrical limits and characteristics promoted from the approved source; non-schema quantities are retained in TUBE_SECTION_PARAMETER.	

Compact ten-stage multiplier phototube with S-11 spectral response and integral potted voltage-divider network.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · Photomultiplier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Dissipation	2 W	—
Maximum Cathode Current	5 mA	—
AverageAnodeCurrentMaximum	1 mA	—
PeakAnodeCurrentMaximum	5 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
CurrentAmplification	150000	105 V per stage

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