

ELECTRONIC TUBE REFERENCE

6656

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CAMERAPICKUP

High-resolution image-dissector television camera tube with S-1 spectral response.

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 CameraPickup
<p>No fixed ratings recorded.</p> <p>Image-dissector camera tube; source page is descriptive and does not include the detailed numeric specification sheet.</p>

The ITT 6656 is a high-resolution s-1 spectral-response image-dissector television camera tube.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT

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

1962 ITT

Section 1 · CameraPickup

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating principle	Photoemission	—
Photocathode	Cesium-oxygen-silver	—
Spectral response	S-1	—
Primary sensitivity	Red and infrared	—
Output relation	Signal varies linearly with light intensity	—
Primary feature	Extremely high resolution	—
Primary feature 2	Long life	—
Application	Television camera / instrumentation	—

TUBE TINKER

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

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