



ELECTRONIC TUBE REFERENCE

6CY5CATV

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Ericsson long-life seven-pin sharp-cutoff RF tetrode developed for dependable amplification in cable-television (CATV) distribution equipment, with rugged miniature construction and shielded interelectrode capacitances.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode

No fixed ratings recorded.

Ericsson 6CY5/CATV long-life miniature seven-pin indirectly heated sharp-cutoff RF tetrode for dependable cable-television amplifiers; special long-life variant of 6CY5. Manufacturer base E7-1, cathode/internal shield on pins 2 and 7, grid-1 pin 1, heaters pins 3 and 4, plate pin 5, grid-2 pin 6. Manufacturer publishes cold capacitance measurements with external shield connected to cathode, and typical operation at anode 125 V, but numerical maximum-rating columns in attached OCR are not reliably extractable; no unverified maxima or heater specifications promoted. Operating range/long-life tests and transconductance are manufacturer-specified but source columns not safely attributable.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Ericsson Longlife

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

1965 ERICSSON LONGLIFE

Section 1 · Tetrode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	125 V	—



SOURCE OPERATING CONDITIONS

9999 Mixed G 2000

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

9999 MIXED G 2000

Section 1 · Tetrode

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AnodeToAllOtherElectrodesCapacitance	5 pF	—

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