

ELECTRONIC TUBE REFERENCE

DP61

Voltage Pentode - High Frequency (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

High-transconductance RF pentode designed for wide-band high-frequency amplifier service to approximately 400 MHz. Ferranti documentation identifies it as a broadband signal tube for demanding RF amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 175 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0051 S
MAXIMUM PLATE VOLTAGE	180 V
MAXIMUM SCREEN VOLTAGE	140 V
MAXIMUM PLATE DISSIPATION	1.7 W
Published Ferranti ratings and characteristics promoted where applicable; additional operating and application data retained as parameters.	

High-transconductance RF pentode for wide-band high-frequency amplifier service to about 400 MHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Ferranti Technical Handbook

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

1961 FERRANTI TECHNICAL HANDBOOK

Section 1 · Pentode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Wide-band RF amplifier	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum useful frequency	400 MHz	—