

ELECTRONIC TUBE REFERENCE

D2024

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Mechanically modified F6996-A traveling-wave tube featuring waveguide input and output connections and an integral RF matching circuit.

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	TravelingWave
No fixed ratings recorded. Reference/modification sheet; no complete electrical table is printed. Only source-published modification data are retained.	

The ITT D2024 is a mechanically modified traveling-wave tube with integral rf matching circuit and waveguide connectors.

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 · TravelingWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Device family	Traveling-wave tube	—
Source relationship	Mechanically modified parent type	—

ALIAS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Former designation	F-6996-A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RF input connector	UG-40-A/U choke flange waveguide	—
RF output connector	UG-40-A/U choke flange waveguide	—

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Integral matching circuit	Yes	—

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