

ELECTRONIC TUBE REFERENCE

NB3

Specialized - Ballast electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BALLAST

Raytheon NB-series resistance tube for battery receivers, designed to regulate a specific filament-current drain across common low-voltage battery supply arrangements.

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 Ballast
No fixed ratings recorded.
Resistance/ballast-tube battery-tap service and nominal filament drain captured in parameters.

NB3 is a Raytheon NB-series resistance/ballast tube for two-volt battery receivers, rated for 0.420 A filament drain.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Raytheon Radio Receiving Tubes

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

1937 RAYTHEON RADIO RECEIVING TUBES

Section 1 · Ballast

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal filament current drain	420 mA	NB ResistanceTube

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Battery tap	2 V storage battery	StorageBattery
Battery tap	Air cell	AirCell
Battery tap	3 V dry cell pack	DryCellPack

TUBE TINKER

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