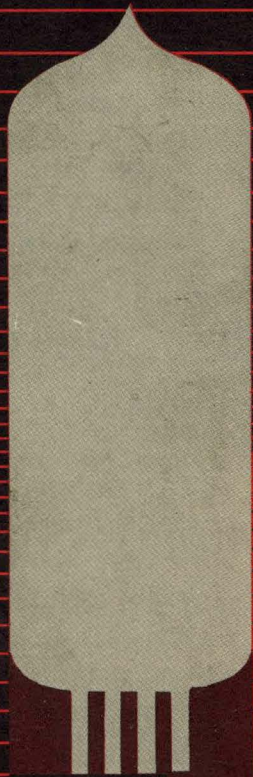


Price: 25 cents

RCA

INTERCHANGEABILITY DIRECTORY



OF
INDUSTRIAL-TYPE ELECTRON TUBES



RADIO CORPORATION OF AMERICA • ELECTRON TUBE DIVISION • HARRISON, N. J.

RCA Interchangeability Directory

This Interchangeability Directory of industrial electron tubes has been prepared to assist distributors, dealers, servicemen, broadcast stations, and individual users in selecting the proper RCA tube type as a replacement.

Listing more than 2700 type designations, this Directory covers Vacuum Power Tubes, Vacuum and Gas Rectifiers, Thyratrons, Ignitrons, Magnetrons, Cold-Cathode (Glow-Discharge) Tubes, Phototubes, Oscillograph Tubes, Camera Tubes, and Receiving-Type Tubes for Industry and Communications.

In using this Directory, note that the basic type designations of different manufacturers may have been assigned according to different systems. Some basic designations consist only of a number; others consist of a combination of letters and digits. In either case, the basic designation may or may not have a prefix composed of one or more letters, such as EL, GL, WL, WT, F, ML, UE, etc., which indicates the particular manufacturer. In certain cases, this prefix becomes an essential part of the type designation when as sometimes happens, two or more manufacturers utilize the same basic designation for different tube types.

Identifying information about the **Type To Be Replaced** including the manufacturer's prefix, if any, the basic type designation in bold face, symbol to designate the manufacturer, and symbol to indicate class of tube is charted in the first four columns. The next two columns show the **RCA Direct Replacement Type**, or the RCA Similar Type, respectively, when one or the other is available.

Basic designations shown in Column 2 of the tabulation are listed in numerical-alphabetical sequence. Those starting with a digit are given first; those starting with a letter appear at the end of the tabulation.

How to Use

1. Look in Column 2 for basic designation of type to be replaced.

2. If type to be replaced has a prefix, look for that prefix in Column 1.

For example: If type FG-17 is to be replaced, find the basic designation 17 in Column 2 and the prefix FG in Column 1.

For example: If type WT-T-106 is to be replaced, find the basic designation T-106 in Column 2 and the prefix WT in Column 1.

3. Consult Column 5 for corresponding **RCA Direct Replacement Type**.

4. If no Direct RCA Replacement Type is shown, consult Column 6 for RCA Similar Type. Such a type usually is not directly interchangeable with the type to be replaced because of mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. Tube data should, therefore, be checked before replacing a Type To Be Replaced in Column 2 with a Similar RCA Type in Column 6.

KEY TO SYMBOLS IN COLUMN 3

A = Amperex Electronic Corp.
 BEN = Bendix Aviation Corp.
 BO = Bomac Laboratories, Inc.
 CH = Chatham Electronics Division
 CE = Continental Electric Co. (Cetron)
 D = A. B. Dumont Laboratories, Inc.
 EE = Electronic Enterprises, Inc.
 EM = Eitel-McCullough, Inc. (Eimac)
 EL = Electrons, Inc.
 F = Federal Telephone and Radio Co.
 GE = General Electric Co.

GES = General Electronics Co.
 GS = General Scientific Corp.
 HK = Heinz and Kaufman
 HY = CBS-Hytron
 IH = Induction Heating Corp.
 KU = Kuthe Laboratories
 ML = Machlett Laboratories, Inc.
 NAP = Philips Electron Tube Division
 NL = National Electronics, Inc.
 NU = National Union Electric Corp.
 PL = Penta Laboratories, Inc.

R = Rauland Corporation
 RK = Raytheon Manufacturing Co.
 ROG = Rogers Electronic Tubes
 S = Sylvania Electric Products, Inc.
 STC = Standard Telephone and Cables
 T = Taylor Tubes, Inc.
 TS = Tung-Sol Electric, Inc.
 UE = United Electronics Co.
 WE = Western Electric Co.
 WL = Westinghouse Electric Corp.
 WT = Weltronic Co.

KEY TO SYMBOLS IN COLUMN 4

CM = Camera Tube or Monoscope
 CR = Cathode-Ray Tube
 G = Glow Tube
 GA = Gauge Tube
 K = Klystron
 I = Ignitron

IC = Image-Converter Tube
 M = Magnetron
 P = Phototube
 PC = Photoconductive Cell
 PJ = Photojunction Cell
 R = Rectifier

RT = Receiving Tube
 RIT = Receiving-Type Industrial Tube
 ST = Storage Tube
 T = Thyatron
 TW = Traveling-Wave Tube
 VPT = Vacuum Power Tube

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	0A2	RCA	G	0A2	
	0A2	A	G	0A2	
	0A2	CH	G	0A2	
	0A2	GE	G	0A2	
	0A2	HY	G	0A2	
	0A2	NU	G	0A2	
	0A2	S	G	0A2	
	0A2	TS	G	0A2	
	0A2-WA	RCA	G	0A2-WA	
	0A2-WA	HY	G	0A2-WA	
GL	0A2-WA	RK	G	0A2-WA	
	0A2-WA	S	G	0A2-WA	
	0A3	RCA	G	0A3	
	0A3	GE	G	0A3	
	0A3	HY	G	0A3	
WL	0A3	S	G	0A3	
	0A3	TS	G	0A3	
	0A3	WL	G	0A3	
	0A3/VR75	GE	G	0A3	
	0A3/VR75	RK	G	0A3	
WL	0A3/VR75	S	G	0A3	
	0A3/VR75	WL	G	0A3	
	0A4-G	RCA	G	0A4-G	
	0A4-G	GE	G	0A4-G	
	0A4-G	HY	G	0A4-G	
GL	0A4-G	NU	G	0A4-G	
	0A4-G	RK	G	0A4-G	
	0A4-G	S	G	0A4-G	
	0B2	RCA	G	0B2	
	0B2	CH	G	0B2	
GL	0B2	GE	G	0B2	
	0B2	HY	G	0B2	
	0B2	NU	G	0B2	
	0B2	RK	G	0B2	
	0B2	S	G	0B2	
	0B2	TS	G	0B2	
	0B2-WA	RCA	G	0B2-WA	
	0B2-WA	HY	G	0B2-WA	
	0B2-WA	RK	G	0B2-WA	
	0B2-WA	S	G	0B2-WA	
GL	0B3	HY	G		
	0B3	S	G		
	0B3/VR90	GE	G		
	0C2	RCA	G	0C2	
	0C2	TS	G	0C2	
GL	0C3	RCA	G	0C3	
	0C3	GE	G	0C3	
	0C3	HY	G	0C3	
	0C3	NU	G	0C3	
	0C3	S	G	0C3	
GL	0C3	TS	G	0C3	
	0C3	WL	G	0C3	
	0C3/VR105	GE	G	0C3	
	0C3/VR105	RK	G	0C3	
	0C3/VR105	WL	G	0C3	
	0C3-W	CH	G		0C3
	0D3	RCA	G	0D3	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	0D3	GE	G	0D3	
	0D3	HY	G	0D3	
	0D3	NU	G	0D3	
	0D3	S	G	0D3	
	0D3	TS	G	0D3	
GL	0D3/VR150	GE	G	0D3	
	0D3/VR150	RK	G	0D3	
	0D3/VR150	WL	G	0D3	
	0D3W	TS	G		
	1A/B	HY	P		
CE	1A/B	CE	P		918 918
	1C	HY	P	918	
	1C21	RCA	G	1C21	
	1C21	HY	G	1C21	
	1D	CE	P	868	
CE	1D	NU	CR		
	1EP1	RCA	CR	1EP1	
	1EP1	NU	CR	1EP1	
	1EP2	RCA	CR	1EP2	
	1EP11	RCA	CR	1EP11	
GL	1L4	RCA	RIT	1L4	
	1L4	GE	RIT	1L4	
	1L4	HY	RIT	1L4	
	1L4	RK	RIT	1L4	
	1L4	S	RIT	1L4	
GL	1L4	TS	RIT	1L4	
	1P21	RCA	P	1P21	
	1P21	GE	P	1P21	
	1P21	TS	P	1P21	
	1P21	WL	P	1P21	
GL	1P22	RCA	P	1P22	
	1P23	GE	P	868	
	1P23	RCA	P	1P28	
	1P29	RCA	P	1P29	
	1P29	WL	P	1P29	
WL	1P29/VR150	GE	P	1P29	
	FJ-401				
	1P32	CE	P	927	
	1P32	HY	P	927	
	1P37	RCA	P	1P37	
GL	1P37	GE	P	1P37	
	1P37	CE	P	1P37	
	1P37	HY	P	1P37	
	1P39	RCA	P	1P39	
	1P39	CE	P	1P39	
CE	1P39	GE	P	1P39	
	1P39	HY	P	1P39	
	1P39	S	P	1P39	
	1P40	RCA	P	1P40	
	1P40	CE	P	1P40	
GL	1P40	GE	P	1P40	
	1P40	HY	P	1P40	
	1P41	RCA	P	1P41	
	1P41	CE	P	1P41	
	1P41	HY	P	1P41	
CE	1P42	RCA	P	1P42	
	1V-A/B	CE	P		
	1V-A/B	EM	P		
	2-1500	HY	R		
	2A/B	HY	P		
	2API	RCA	CR	2API-A	917, 919 917, 919 8020 6953

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	2API	S	CR	2API-A	
	2API-A	RCA	CR	2API-A	
	2API-A	GE	CR	2API-A	
	2API-A	S	CR	2API-A	
	2API-A	S	CR	2API-A	
GL	2BP1	RCA	CR	2BP1	
	2BP1	GE	CR	2BP1	
	2BP1	S	CR	2BP1	
	2BP1	TS	CR	2BP1	
	2BP11	RCA	CR	2BP11	
GL	2BP11	S	CR	2BP11	
	2B4	D	T	885	
	2B22	GE	VPT		
	2B23	GE	VPT		
	2C	HY	P		
CE	2C22	RCA	VPT		6J5
	2C33/RX-233A	R	T		
	2C36	S	VPT		
	2C37	S	VPT		
	2C38	EM	VPT	2C39-A	
GL	2C39	RCA	VPT	2C39-A	
	2C39	EM	VPT	2C39-A	
	2C39	GE	VPT	2C39-A	
	2C39	ML	VPT	2C39-A	
	2C39-A	RCA	VPT	2C39-A	
GL	2C39-A	A	VPT	2C39-A	
	2C39-A	EM	VPT	2C39-A	
	2C39-A	GE	VPT	2C39-A	
	2C39-A	ML	VPT	2C39-A	
	2C39-A	S	VPT	2C39-A	
GL	2C39-A	EM	VPT	2C39-A	
	2C39-B	HY	VPT	2C39-A	
	2C39-B	GE	VPT	2C39-A	
	2C39-WA	RCA	VPT	2C39-WA	
	2C39-WA	EM	VPT	2C39-WA	
ML	2C39-WA	ML	VPT	2C39-WA	
	2C39-WA	S	VPT	2C39-WA	
	2C40	RCA	VPT	2C40	
	2C40	GE	VPT	2C40	
	2C40	HY	VPT	2C40	
GL	2C40	S	VPT	2C40	
	2C40-A	GE	VPT		
	2C42	GE	VPT		
	2C43	RCA	VPT	2C43	
	2C43	GE	VPT	2C43	
GL	2C43	HY	VPT	2C43	
	2C43	S	VPT	2C43	
	2C50	RK	VPT		
	2C51	WE	VPT	5670	
	2C51	HY	VPT	5670	
CE	2C52	RK	VPT		6SL7-GT 1P40, 930
	2D	CE	P		
	2D21	RCA	T	2D21	
	2D21	A	T	2D21	
	2D21	CH	T	2D21	
GL	2D21	GE	T	2D21	
	2D21	HY	T	2D21	
	2D21	NU	T	2D21	
	2D21	S	T	2D21	
	2D21	S	T	2D21	
WL	2D21	WL	T	2D21	
	2D21-W	RCA	T	2D21-W	
	2D21-W	CH	T	2D21-W	
	2D21-W	GE	T	2D21-W	
	2E24	RCA	VPT	2E24	

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	2E24	GE	VPT	2E24	2E24
	2E24	HY	VPT		
	2E24	RK	VPT		
	2E24	S	VPT		
	2E25	HY	VPT		
GL	2E26	RCA	VPT	2E26	5618
	2E26	GE	VPT		
	2E26	HY	VPT		
	2E26	RK	VPT		
	2E26	S	VPT		
GL	2E30	GE	VPT	2E30	5618
	2E30	HY	VPT		
GL	2F21	RCA	CM	2F21	5618
	2H21	GE	VPT		
GL	2K26	RCA	K	2K26	5618
	2K26	RK	K		
CE	2K26	WE	K	2K26	5618
	2V	CE	P		
GL	2X2/879	RCA	R	2X2-A	809
	2X2/879	GE	R		
GL	2X2/879	S	R	2X2-A	809
	2X2/879	TS	R		
GL	2X2-A	RCA	R	2X2-A	809
	2X2-A	GE	R		
GL	2X2-A	HY	R	2X2-A	809
	2X2-A	NU	R		
GL	2X2-A	RK	R	2X2-A	809
	2X2-A	S	R		
GL	2X2-A	TS	R	2X2-A	809
	2X2-A	EM	VPT		
GL	3-25A3	EM	VPT	3-25A3	809
	3-50A4	EM	VPT		
GL	3-50G2	EM	VPT	3-50G2	811-A
	3-75A3	EM	VPT		
GL	3-100A	EM	VPT	3-100A	8005
	3-250A4	EM	VPT		
GL	3-450A4	EM	VPT	3-450A4	8005
	3-1000A2	EM	VPT		
GL	3-1000A4	EM	VPT	3-1000A4	8005
	3A4	RCA	VPT		
GL	3A4	HY	VPT	3A4	8005
	3A4	NU	VPT		
GL	3A4	RK	VPT	3A4	8005
	3A4	S	VPT		
GL	3A4	TS	VPT	3A4	8005
	3A5	RCA	VPT		
GL	3A5	HY	VPT	3A5	8005
	3A5	RK	VPT		
GL	3A5	S	VPT	3A5	8005
	3A5	TS	VPT		
GL	3AP1	RCA	CR	3AP1-A	8005
	3AP1	D	CR		
GL	3AP1	S	CR	3AP1-A	8005
	3AP1-A	RCA	CR		
GL	3AP1-A	D	CR	3AP1-A	8005
	3AP1-A	GE	CR		
GL	3AP1-A	S	CR	3AP1-A	8005
	3BP1	RCA	CR		
GL	3BP1	D	CR	3BP1-A	8005
	3BP1	S	CR		
GL	3BP1-A	RCA	CR	3BP1-A	8005
	3BP1-A	GE	CR		
GL	3BP1-A	HY	CR	3BP1-A	8005
	3BP1-A	S	CR		
GL	3B25	RCA	R	3B25	8005
	3B25	HY	R		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
DR	3B27	EE	R	3B28	836
	3B27	GES	R		
	3B28	RCA	R		
	3B28	A	R		
	3B28	CE	R		
AX	3B28	CH	R	3B28	836
	3B28	HY	R		
	3B28	S	R		
	3B28	TS	R		
	3B28	UE	R		
EL	3B29	GES	R	3B29	838
	3C/4B24	EL	R		
GL	3C21	A	VPT	3C21	838
	3C22	GE	VPT		
GL	3C23	RCA	T	3C23	838
	3C23	CE	T		
GL	3C23	CH	T	3C23	838
	3C23	GE	T		
GL	3C23	HY	T	3C23	838
	3C23	NL	T		
GL	3C23	UE	T	3C23	838
	3C23	WL	T		
GL	3C24	EM	VPT	3C24	1623
	3C33	RCA	VPT		
GL	3C45	RCA	T	3C45	1623
	3C45	BO	T		
GL	3C45	KU	T	3C45	1623
	3C45	EM	VPT		
GL	3CX100A5	EM	VPT	3CX100A5	2C39-A
	3D22	RCA	T		
GL	3D22	NU	T	3D22	2C39-A
	3D22	EM	VPT		
GL	3D22-A	RCA	T	3D22-A	2C39-A
	3E22	RCA	VPT		
GL	3E29	RCA	VPT	3E29	2C39-A
	3E29	HY	VPT		
GL	3E29	NU	VPT	3E29	2C39-A
	3E29	S	VPT		
GL	3JP1	RCA	CR	3JP1	2C39-A
	3JP1	D	CR		
GL	3JP1	S	CR	3JP1	2C39-A
	3JP1	TS	CR		
GL	3JP7	RCA	CR	3JP7	2C39-A
	3JP7	D	CR		
GL	3JP7	S	CR	3JP7	2C39-A
	3JP7	RCA	CR		
GL	3KP1	GE	CR	3KP1	2C39-A
	3KP1	S	CR		
GL	3KP4	RCA	CR	3KP4	2C39-A
	3KP4	RK	CR		
GL	3KP7	RCA	CR	3KP7	2C39-A
	3KP7	RCA	CR		
GL	3KP11	RCA	CR	3KP11	2C39-A
	3KP11	RCA	CR		
GL	3KP16	RCA	CR	3KP16	2C39-A
	3RP1	RCA	CR		
GL	3RP1	S	CR	3RP1	2C39-A
	3RP1-A	RCA	CR		
GL	3RP1-A	D	CR	3RP1-A	2C39-A
	3RP1-A	RCA	CR		
GL	3RP4	RCA	CR	3RP4	2C39-A
	3WP1	RCA	CR		
GL	3WP2	RCA	CR	3WP2	2C39-A
	3WP11	RCA	CR		
GL	3X100A5	EM	VPT	3X100A5	2C39-A
	3X100A11	EM	VPT		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
F	3X2500A3	EM	VPT	3X2500A3	5762/7C24
	3X2500A3	F	VPT		
F	4-65A	RCA	VPT	4-65A	5762/7C24
	4-65A	EM	VPT		
ML	4-125A	EM	VPT	4-125A/4D21	5762/7C24
	4-125A	ML	VPT		
ML	4-125A	RCA	VPT	4-125A/4D21	5762/7C24
	4-125A	A	VPT		
GL	4-125A/4D21	GE	VPT	4-125A/4D21	5762/7C24
	4-125A/4D21	GE	VPT		
AX	4-125A/6155	A	VPT	4-125A/6155	5762/7C24
	4-125A/6155	GE	VPT		
GL	4-250A	RCA	VPT	4-250A/5D22	5762/7C24
	4-250A	EM	VPT		
ML	4-250A	ML	VPT	4-250A/5D22	5762/7C24
	4-250A	RCA	VPT		
AX	4-250A/5D22	A	VPT	4-250A/5D22	5762/7C24
	4-250A/5D22	GE	VPT		
GL	4-250A/5D22	WL	VPT	4-250A/5D22	5762/7C24
	4-250A/5D22	WL	VPT		
AX	4-250A/6156	A	VPT	4-250A/6156	5762/7C24
	4-250A/6156	EM	VPT		
GL	4-400A	EM	VPT	4-400A	930, 1P40
	4-750A	EM	VPT		
GL	4-1000A	RCA	VPT	4-1000A	930, 1P40
	4-1000A	EM	VPT		
GL	4-1000A	GE	VPT	4-1000A	930, 1P40
	4-1000A	WL	VPT		
GL	4(A-D)	HY	P	4(A-D)	930, 1P40
	4(A-D)	CE	P		
GL	4B22	UE	R	4B22	872-A
	4B32	A	R		
GL	4B32	UE	R	4B32	872-A
	4C21	GE	VPT		
GL	4C22	A	VPT	4C22	8005
	4C25	HK	VPT		
GL	4C33	RCA	VPT	4C33	808
	4C33	RCA	VPT		
GL	4CX250B	RCA	VPT	4CX250B	808
	4CX250B	A	VPT		
GL	4CX250B	EM	VPT	4CX250B	808
	4CX300A	A	VPT		
GL	4CX300A	EM	VPT	4CX300A	808
	4CX300A	EM	VPT		
GL	4CX1000A	EM	VPT	4CX1000A	808
	4CX5000A	EM	VPT		
GL	4D21	RK	VPT	4-125A/4D21	808
	4D21	PL	VPT		
GL	4D21	UE	VPT	4-125A/4D21	808
	4D21	UE	VPT		
GL	4D21/4-125A	GE	VPT	4-125A/4D21	808
	4D21/4-125A	WL	VPT		
WL	4D21/4-125A	WL	VPT	4-125A/4D21	808
	4D21/4-125A	WL	VPT		

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†		
Mfr. Prefix	Basic Designation	Mfr.	Tube Class				
PL	4D21-A	PL	VPT		4-125A/ 4D21		
	4D23	RK	VPT				
	4E27/ 8001	RCA	VPT			4E27/ 8001	
	4E27A/ 5-125B	RCA	VPT			4E27A/ 5-125B	
	4E27A/ 5-125B	EM	VPT			4E27A/ 5-125B	
	4X100A	EM	VPT			4X150A	
	4X150A	RCA	VPT				
	4X150A	A	VPT				
	GL	4X150A	EM			VPT	4X150A
		4X150A	GE			VPT	
WL	4X150A	HY	VPT	4X150A			
	4X150A	S	VPT				
	4X150A	WL	VPT				
	4X150D	RCA	VPT		4X150D		
	4X150D	EM	VPT				
	4X150D	HY	VPT				
	4X150C	EM	VPT		4X150C		
	4X250F	RCA	VPT				
	4X250F	EM	VPT		7204/ 4X250F		
	4X500A	RCA	VPT		4X500A		
4X500A	EM	VPT					
4X500A	WL	VPT					
WL	5	HY	P	927			
	5(A-D)	CE	P				
CE	5-125B	RCA	VPT	4E278/001			
	5ABP1	RCA	CR		5ABP1		
	5ABP1	RK	CR		5ABP1		
	5ABP4	RCA	CR		5ABP7		
	5ABP7	RCA	CR				
	5ABP7	RK	CR				
	5ABP11	RCA	CR		5ABP11		
	5ABP11	RK	CR		5ABP11		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†	
Mfr. Prefix	Basic Designation	Mfr.	Tube Class			
	5ADP1	RCA	CR	5ADP1	5ABP7 5ABP11	
	5ADP1	D	CR			
	5ADP7	D	CR			
	5ADP11	D	CR			
	5AHP7	RCA	CR			5AHP7, 5AHP7-A
	5AHP7	D	CR			
	5AHP7	GE	CR			
	5AHP7	GE	CR			5AHP7, 5AHP7-A
	5AHP7	HK	CR			
	5AHP7	S	CR			5AHP7, 5AHP7-A
5AHP7-A	RCA	CR				
EL	5AHP7-A	D	CR	5AHP7-A		
	5AHP7-A	GE	CR			
	5AHP7-A	RK	CR			
	5AHP7-A	S	CR			
	5AHP14-A	GE	CR		5AHP14-A	
	5AUP24	RCA	CR			
	5AUP24	GE	CR		5AUP24	
	5AXP4	S	CR			
	5AYP4	RCA	CR		5AYP4	
	5AZP4	RCA	CR			
5AZP4	HY	CR	5AZP4			
5BHD/ 4B23	EL	R				
5BP1	RCA	CR	5BP1-A			
5BP1-A	RCA	CR				
GL	5BP1-A	D	CR	5BP1-A		
	5BP1-A	GE	CR			
EL	5BP1-A	S	CR	5BP1-A		
	5BS/ 4B22	EL	R			
GL	5C21/ C6J	GE	T	C6J/ 5C21		
	5C22	A	T			

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	5C22	BO	T	5C22	8000
	5C22	S	T		
	5C22-A	S	T		
	5C24	GE	VPT		
	5C24	GE	VPT		
GL	5CP1	RCA	CR	5CP1-A	
	5CP1	D	CR		
	5CP1	TS	CR		
	5CP1-A	RCA	CR		
	5CP1-A	D	CR		
	5CP1-A	GE	CR		5CP1-A
	5CP1-A	S	CR		
	5CP1-A	TS	CR		5CP1-A
	5CP7	RCA	CR		
	5CP7-A	RCA	CR		5CP7-A
5CP7-A	D	CR			
5CP7-A	D	CR	5CP7-A		
5CP7-A	GE	CR			
5CP7-A	S	CR	5CP7-A		
5CP7-A	TS	CR			
5CP11-A	RCA	CR	5CP11-A		
5CP11-A	D	CR			
5CP11-A	S	CR	5CP11-A		
5CP12	RCA	CR			
5CP12	S	CR	5CP12		
5CP12	TS	CR			
5D22	UE	VPT	4-250A/ 5D22		
5D22	PL	VPT			
WL	5D22	WL	VPT	4-250A/ 5D22	
	5D22	WL	VPT		
PL	5D22	PL	VPT	4-250A/ 5D22	
	5D22	PL	VPT		
WL	5D22	WL	VPT	4-250A/ 5D22	
	5D22	WL	VPT		
PL	5D22/ RK-65	RK	VPT	5D22	
	5D24	F	VPT		
	5FP4-A	RCA	CR		5FP4-A
	5FP4-A	HY	CR		
	5FP7-A	RCA	CR		
5FP7-A	GE	CR			
5FP7-A	RK	CR			

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

KEY TO SYMBOLS IN COLUMN 3

- A = Amperex Electronic Corp.
- BEN = Bendix Aviation Corp.
- BO = Bomac Laboratories, Inc.
- CH = Chatham Electronics Division
- CE = Continental Electric Co. (Cetron)
- D = A. B. Dumont Laboratories, Inc.
- EE = Electronic Enterprises, Inc.
- EM = Eitel-McCullough, Inc. (Eimac)
- EL = Electrons, Inc.
- F = Federal Telephone and Radio Co.
- GE = General Electric Co.

- GES = General Electronics Co.
- GS = General Scientific Corp.
- HK = Heinz and Kaufman
- HY = CBS-Hytron
- IH = Induction Heating Corp.
- KU = Kuthe Laboratories
- ML = Machlett Laboratories, Inc.
- NAP = Philips Electron Tube Division
- NL = National Electronics, Inc.
- NU = National Union Electric Corp.
- PL = Penta Laboratories, Inc.

- R = Rauland Corporation
- RK = Raytheon Manufacturing Co.
- ROG = Rogers Electronic Tubes
- S = Sylvania Electric Products, Inc.
- STC = Standard Telephone and Cables
- T = Taylor Tubes, Inc.
- TS = Tung-Sol Electric, Inc.
- UE = United Electronics Co.
- WE = Western Electric Co.
- WL = Westinghouse Electric Corp.
- WT = Weltronic Co.

KEY TO SYMBOLS IN COLUMN 4

- CM = Camera Tube or Monoscope
- CR = Cathode-Ray Tube
- G = Glow Tube
- GA = Gauge Tube
- K = Klystron
- I = Ignitron

- IC = Image-Converter Tube
- M = Magnetron
- P = Phototube
- PC = Photoconductive Cell
- PJ = Photojunction Cell
- R = Rectifier

- RT = Receiving Tube
- RIT = Receiving-Type Industrial Tube
- ST = Storage Tube
- T = Thyatron
- TW = Traveling-Wave Tube
- VPT = Vacuum Power Tube

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
1	2	3	4	5	6
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	5FP7-A	S	CR	5FP7-A	5BP1-A
	5FP7-A	TS	CR	5FP7-A	
	5FP14	RCA	CR	5FP14-A	
	5FP14	GE	CR	5FP14-A	
	5FP14	S	CR	5FP14-A	
	5FP14	TS	CR	5FP14-A	
	5FP14-A	RCA	CR	5FP14-A	
	5FP14-A	D	CR	5FP14-A	
	5FP14-A	GE	CR	5FP14-A	
	5FP14-A	RK	CR	5FP14-A	
	5FP15-A	RCA	CR	5FP15-A	
	5FP25	D	CR		
	5HP1-A	GE	CR		
	5R4-GY	RCA	R	5R4-GY	
	5R4-GY	GE	R	5R4-GY	
WT	5R4-GY	HY	R	5R4-GY	6BG6-G
	5R4-GY	NU	R	5R4-GY	
	5R4-GY	RK	R	5R4-GY	
	5R4-GY	S	R	5R4-GY	
	5R4-GY	TS	R	5R4-GY	
	5R4-GYB	RCA	R	5R4-GYB	
	5TP4	RCA	CR	5TP4	
	5UP1	RCA	CR	5UP1	
	5UP1	GE	CR	5UP1	
	5UP1	S	CR	5UP1	
	5UP7	RCA	CR	5UP7	
	5UP7	GE	CR	5UP7	
	5UP7	S	CR	5UP7	
	5UP11	RCA	CR	5UP11	
	5UP11	S	CR	5UP11	
GL	5WP11	RCA	CR	5WP11	6BG6-G
	5WP15	RCA	CR	5WP15	
	5WP15	S	CR	5WP15	
	5ZP16	RCA	CR	5ZP16	
	6	WT	RT	6L6	
	6AC7-Y	RCA	RIT	6AC7-Y	
	6AC7-Y	RCA	RIT	6AC7-Y	
	6AC5-WA	RCA	RIT	6186/ 6AG5-WA	
	6AC7-Y	RCA	RIT	6AC7-Y	
	6AC7-Y	GE	RIT	6AC7-Y	
	6AK5-W	GE	RIT	5654/ 6AK5-W	
	6AK5-W	S	RIT	5654/ 6AK5-W	
	6AK5-W	RK	RIT	5654/ 6AK5-W	
	6AK6	RCA	RIT	6AK6	
	6AK6	GE	RIT	6AK6	
6AK6	HY	RIT	6AK6		
GL	6AK6	R	RIT	6AK6	6BG6-G
	6AK6	S	RIT	6AK6	
	6AK6	TS	RIT	6AK6	
	6AK6-WA	NU	RIT	6AK6	
	6AN5-WA	RK	RIT		
	6AQ5-W	GE	RIT		
	6AQ5-W	S	RIT		
	6AR6	WE	RT		
	6AS6	RCA	RIT	6AS6	
	6AS6	GE	RIT	6AS6	
	6AS6	HY	RIT	6AS6	
	6AS6	RK	RIT	6AS6	
	6AS6	S	RIT	6AS6	
	6AS6	WE	RIT	6AS6	
	6AS7-G	RCA	RIT	6AS7-G	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†		
1	2	3	4	5	6		
Mfr. Prefix	Basic Designation	Mfr.	Tube Class				
GL	6AS7-G	CH	RIT	6AS7-G	5561		
	6AS7-G	GE	RIT	6AS7-G			
	6AS7-G	HY	RIT	6AS7-G			
	6AS7-G	RK	RIT	6AS7-G			
	6AS7-G	S	RIT	6AS7-G			
	6AS7-G	TS	RIT	6AS7-G			
	6AU6-WA	RCA	RIT	6AU6-WA			
	6AU6-WA	GE	RIT	6AU6-WA			
	6AU6-WA	HY	RIT	6AU6-WA			
	6AU6-WA	S	RIT	6AU6-WA			
	6AU6-WA	TS	RIT	6AU6-WA			
	6B	EL	R				
	6BA6-W	RCA	RIT	5749/ 6BA6-W			
	EL	6C	EL	R			5786
		6C24	RCA	VPT			
ML		6C24	ML	VPT		5786 4X500A	
		6D22	RK	VPT			
		6F4	RCA	VPT	6F4		
		6F4	S	VPT	6F4		
		6J4	RCA	VPT	6J4		
		6J4	GE	VPT	6J4		
		6J4	HY	VPT	6J4		
		6J4	RK	VPT	6J4		
		6J4	S	VPT	6J4		
		6J4-WA	RCA	RIT	6J4-WA		
		6J4-WA	S	RIT	6J4-WA		
		6J6-A	RCA	RIT	6101/ 6J6-A		
		6J6-WA	RCA	RIT	6J6-WA		
	6L4	RK	RIT	6J6-WA 6L4			
	GL	6L4	S	VPT	6L4		5693
6Q5-G		D	T	884			
6SJ7-Y		RCA	RIT	6SJ7-Y			
6SJ7-Y		GE	RIT	6SJ7-Y			
6SJ7-WGT		S	RIT	6SJ7-Y			
6SK7-W		RCA	RIT	6SK7-W			
6SK7-WA		GE	RIT				
6SL7-WGT		S	RIT				
6SN7-GTY		RCA	RIT	6SN7-GTY			
6X5-WGT		S	RIT				
7BP7		RCA	CR	7BP7-A			
7BP7		D	CR	7BP7-A			
7BP7-A		RCA	CR	7BP7-A			
7BP7-A		GE	CR	7BP7-A			
7BP7-A		S	CR	7BP7-A			
F	7C23	F	VPT		5762/ 7C24		
	7C24	RCA	VPT				
	ML	7C24	ML	VPT			5762/ 7C24
		7C25	F	VPT			
		7C26	F	VPT			
		7C27	F	VPT			
		7C30	F	VPT			
		7CP1	RCA	CR			
		7CP1	S	CR			

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
1	2	3	4	5	6
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	7CP4	RCA	CR		800
	7CP4	HY	CR		
	7CP4	RK	CR		
	7CP4	S	CR		
	7D21	GE	VPT		
	7D29	GE	VPT		
	7JP1	S	CR	7VP1	
	7JP7	S	CR		
	7MP7	RCA	CR	7MP7	
	7MP7	RK	CR	7MP7	
	7MP14	RCA	CR		
	7NP4	RCA	CR	7NP4	
	7NP4	HY	CR	7NP4	
	7QP4	RCA	CR	7QP4	
	7TP4	HY	CR	7TP4	
GL	7TP4	HY	CR	7TP4	800
	7VP1	RCA	CR	7VP1	
	7VP1	GE	CR	7VP1	
	7WP4	RCA	CR	7WP4	
	7WP4	HY	CR	7WP4	
	8	GE	VPT	5556	
	8	RK	VPT		
	8D21	RCA	VPT	8D21	
	8D21	GE	VPT	8D21	
	8HP4	RCA	CR	8HP4	
	9	GS	P	368	
	9C21	RCA	VPT	9C21	
	9C21	A	VPT	9C21	
	9C21	GE	VPT	9C21	
	9C21	ML	VPT	9C21	
F	9C22	RCA	VPT	9C22	917
	9C22	A	VPT	9C22	
	9C22	GE	VPT	9C22	
	9C22	ML	VPT	9C22	
	9C22	F	VPT	9C22	
	9C23	F	VPT		
	9C24	GE	VPT		
	9C25	RCA	VPT	9C25	
	9C25	ML	VPT	9C25	
	9C29	F	VPT		
	9C30	F	VPT		
	10KP7	RCA	CR	10KP7	
	10KP7	GE	CR	10KP7	
	10KP7	S	CR	10KP7	
	10KP7	TS	CR	10KP7	
10SP4	RCA	CR	10SP4		
10SP4	GE	CR	10SP4		
10SP4	HY	CR	10SP4		
10SP4	S	CR	10SP4		
10-Y	RCA	VPT	801-A		
10-Y	S	VPT	801-A		
BW	11	UE	VPT	834	917
	11	RK	VPT	1623	
	11V(A-B)	CE	P		
	11V-C	CE	P	917	
	11V-C	HY	P	917	
	11V-D	CE	P		
	12	UE	VPT		
	12	RK	VPT		
	12A6	RCA	VPT	12A6	
	12A6	GE	VPT	12A6	
	12A6	HY	VPT	12A6	
	12A6	RK	VPT	12A6	
	12A6	S	VPT	12A6	
	12A6	TS	VPT	12A6	

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
	12AT7-WA	RCA	RIT	12AT7-WA	
	12AT7-WA	HY	RIT	12AT7-WA	
	12AT7-WA	GE	RIT	12AT7-WA	
	12AT7-WA	S	RIT	12AT7-WA	
	12AT7-WA	TS	RIT	12AT7-WA	
	12AU7-WA	RCA	RIT	6189/ 12AU7-WA	
	12DP7	RCA	CR	12DP7-A	
	12DP7-A	RCA	CR	12DP7-A	
	12DP7-A	GE	CR	12DP7-A	
	12DP7-A	S	CR	12DP7-A	
	12DP7-B	RCA	CR	12DP7-A	
	12L8-GT	RCA	VPT	12L8-GT	
	12L8-GT	NU	VPT	12L8-GT	
	12L8-GT	TS	VPT	12L8-GT	
	12SW7	RCA	VPT	12SW7	
	12SX7-GT	RCA	VPT	12SX7-GT	
	12SX7-GT	RK	VPT	12SX7-GT	
	12SX7-GT	TS	VPT	12SX7-GT	
	12SY7	RCA	VPT	12SY7	
	12SY7	RK	VPT	12SY7	
	12SY7	TS	VPT	12SY7	
NL	14	NL	T		5557
G	14T	GS	P		920
G	15F	GS	P		927
	16ADP7	RCA	CR	16ADP7	
	16ADP7	RK	CR	16ADP7	
EL	16B	EL	R		5557
FG	17	A	T		5557
FG	17	GE	T		5557
DR	17	GES	R		5557
FG	17	NU	T		5557
FG	17	T	T		5557
TT	17	T	T		5557
WL	17	WL	T		5557
	17	CH	T		5557
G	17F	GS	P		1P41
HV	18	UE	VPT		810
FV	20	UE	VPT		8000
TV	20	T	VPT		810
T	20	T	VPT		1623
TZ	20	T	VPT		809
RK	20A	RK	VPT		804
CE	20(C-D)	CE	P		927
RK	21	RK	VPT		836
PJ	21	GE	VPT		5556
RX	21A	EM	R		872-A
CE	21A/B	CE	P		921
CE	21(C-D)	CE	P		920
CE	21(C-D)	HY	P		920
CE	22	HY	P		920
PJ	22	GE	P		917, 919
CE	22(A-D)	CE	P		1P41
KU	23	NU	VPT		810
RK	23	RK	VPT		802
KU	23	UE	VPT		810
PJ	23	GE	P		868
CE	23A/B	CE	P		923
CE	23A/B	HY	P		923
CE	23(C-D)	CE	P		923
CE	23(C-D)	HY	P		923
RK	23A	RK	VPT		802
HK	24-G	HK	VPT		1623
	24-G	A	VPT		808

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
HY	24-G	GES	VPT		808
	25	HY	VPT		809
RK	25	RK	VPT		802
CE	25A/B	CE	P		927
RK	25B	RK	VPT		802
CE	25(C-D)	CE	P		927
	25T	EM	VPT		809
	26A6	RCA	VPT	26A6	
	26A7-GT	RCA	VPT	26A7-GT	
	26A7-GT	HY	VPT	26A7-GT	
	26A7-GT	TS	VPT	26A7-GT	
	26C6	RCA	VPT	26C6	
	26C6	S	VPT	26C6	
	26D6	RCA	VPT	26D6	
	26D6	S	VPT	26D6	
RK	27	RK	VPT		806
FG	27A	GE	T		5559
RK	28	RK	VPT		803
RK	28A	RK	VPT		803
CE	28(A-D)	CE	P		928
CE	29	CE	P		929
CE	29Q	HY	P		5653
CE	29R	HY	P		929
RK	30	RK	VPT		800
CE	30V-A/B	CE	P		925
CE	30V-A/B	HY	P		925
CE	30V(C-D)	CE	P		925
CE	30V(C-D)	HY	P		925
HY	30Z	HY	VPT		809
NU	30Z	NU	VPT		830-B
RK	31	RK	VPT		830-B
CE	31V-A/B	CE	P		919
CE	31V-A/B	HY	P		919
CE	31V(C-D)	CE	P		919
CE	31V(C-D)	HY	P		919
FG	32	CE	R		5558
WL	32	WL	R		5558
FG	33	GE	T		2C21/ 1642
RK	33	RK	VPT		934
WL	33	WL	T		934
CE	34	CE	P		934
CE	34Q	HY	P		934
CE	34-R	HY	P		934
GL	35T	GE	VPT		808
	35T	EM	VPT		811-A
	35TG	EM	VPT		808
RK	36	RK	VPT		806
CE	36(A-D)	CE	P		927
CE	36(A-D)	HY	P		927
RK	37	RK	VPT		808
RK	38	RK	VPT		810
RK	39	RK	VPT		807
HY	40	HY	VPT		812-A
T	40	T	VPT		812-A
TZ	40	T	VPT		811-A
HY	40Z	HY	VPT		811-A
CE	41	CE	P		921
WL	41	WL	T		807
RK	41	RK	VPT		807
CE	42	CE	P		922
KU	42	KU	T		6130/ 3C45
RK	44	RK	VPT		837

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
RK	45	RK	VPT		837
RK	46	RK	VPT		804
RK	47	RK	VPT		814
RK	48A	RK	VPT		813
UH	50	UE	VPT		834
SR	50	WL	P		917
R	50A	R	P		1P41
	50T	T	VPT		8000
RK	51	RK	VPT		830-B
R	51A	R	P		927
HY	51B	HY	VPT		8005
R	51B	R	P		5583
R	51BV	R	P		929
	51T	T	VPT		8005
HY	51Z	HY	VPT		838
RK	52	RK	VPT		811-A
SR	53	WL	P		917
	53AWB	RK	P		927
CE	54	CE	P		808
HK	54	HK	VPT		8005
T	55	NU	VPT		8005
T	55	UE	VPT		8005
T	55	T	VPT		8005
HY	57	HY	VPT		812-A
FG	57	GE	T		5559
WL	57	WL	T		5559
RK	57	RK	VPT		805
RK	58	RK	VPT		838
CE	59	CE	P		5581
R	59A	R	P		918
R	59B	P	P		1P37
R	59TAV	P	R		917
HF	60	A	VPT		8005
HY	60	HY	VPT		807
SK	60	WL	P		868
T	60	T	VPT		8005
R	60A	R	R		920
HY	61/807	HY	VPT		807
R	61A	R	P		930
R	61AV	R	P		925
R	61B	R	P		5581
R	61BV	R	P		1P39
RK	63	RK	VPT		806
RK	64	RK	VPT		807
CE	64Q	HY	P		5583
CE	64R	CE	P		5583
CE	64R	HY	P		5583
RK	65	RK	VPT		4E27/ 8001
FG	67	GE	T		5728/ FG-67
HY	69	HY	VPT		1624
V	70D		UE		8005
R	71A	R	P		930
R	71AV	R	P		925
KU	73	KU	T		925
	75TH	EM	VPT		8005
	75TL	EM	VPT		3C23
FG	81A	GE	T		
WL	81A	WL	T		
	83	RCA	R		83
	83	HY	R		83
GL	83	GE	R		83
	83	RK	R		83
	83	S	R		83

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
	83	TS	R	83	
FP	85	GE	R		8020
R	85A	R	P		928
FP	85A	GE	R		8020
CE	91Q	CE	P		1P37
CE	91Q	HY	P		1P37
CE	91R	CE	P	1P37	
CE	91R	HY	P	1P37	
FG	95	GE	T	5560	
CE	98	CE	P	5582	
UE	100	UE	VPT		810
HF	100	A	VPT		8005
ML	100/5575	ML	R	8020	
	100R	EM	R		
	100TH	EM	VPT		810
	100TH	NU	VPT		810
	100TL	EM	VPT		8000
ML	102	ML	R		
ML	103	ML	R		
FG	104	GE	R	5561	
WL	104	WL	R	5561	
AX	105	RCA	T	105	
FG	105	A	T	105	
WL	105	GE	T	105	
AX	105/FG-105	WL	T	105	
		A	T	105	
ML	106	ML	R		
ML	108	ML	R		
ML	110	ML	R		
	111H	A	VPT		812-A
ML	115	ML	R		
ML	120	ML	R		
HF	120	A	VPT		8005
ZB	120	A	VPT		838
F	123-A	F	VPT		806
F	124-A	F	VPT		
F	124-R	F	VPT		
HF	125	A	VPT		8005
T	125	T	VPT		810
F	127-A	F	VPT		810
F	129-B	F	VPT		889-A
HF	140	A	VPT		8005
	143-D	S	R		2X2-A
GL	146	GE	VPT		805
HF	150	A	VPT		
TW	150	T	VPT		807
	150P	EM	VPT		803
	150T	EM	VPT		806
GL	152	GE	VPT		805
	152TH	EM	VPT		806
	152TL	EM	VPT		806
FG	154	GE	T		
HK	154	HK	VPT		808
T	155	T	VPT		806
GL	159	GE	VPT		
	172	RCA	T	172	
FG	172	GE	T	172	
PL	172	PL	T	172	
WL	172	WL	T	172	
DR	200	GES	VPT		806
HF	200	A	VPT		8000
T	200	T	VPT		806
HF	200	ML	VPT		806

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
ML	200/5576	ML	R		
HF	201	A	VPT		8000
HF	201A	A	VPT		810
CE	202	CE	R		
	203-A	RCA	VPT		8005
	203-A	A	VPT		8005
GL	203-A	GE	VPT		8005
	203-A	NU	VPT		8005
	203-A	T	VPT		8005
	203-A	T	VPT		805
HD	203-A	UE	VPT		805
	203-A	UE	VPT		8005
	203-H	A	VPT		8005
	203-Z	T	VPT		838
CE	205	CE	R		
	205D	WE	VPT		801-A
	205E	WE	VPT		801-A
	206	CE	R		
	207	RCA	VPT	207	
	207	A	VPT	207	
	207	CE	VPT	207	
F	207	F	VPT	207	
GL	207	GE	VPT	207	
ML	207	ML	VPT	207	
	207	S	VPT	207	
WL	207	WL	VPT	207	
WT	210-0001	WT	T	2D21	
WT	210-0003	WT	T	884	
WT	210-0004	WT	T	2050	
WT	210-0005	WT	RT		
WT	210-0006	WT	RT	6H6	
WT	210-0007	WT	RT		6L6
WT	210-0008	WT	R	866-A	
WT	210-0009	WT	RT	84/6Z4	
WT	210-0011	WT	G	0C3	
WT	210-0012	WT	RT	80	
WT	210-0013	WT	RT	5Z3	
WT	210-0015	WT	T	5557	
WT	210-0016	WT	G		
WT	210-0018	WT	G	0D3	
WT	210-0019	WT	RT	83	
WT	210-0021	WT	RT	6X5	
WT	210-0021	WT	RT	6X5-GT	
WT	210-0025	WT	RT	117Z6-GT	
WT	210-0027	WT	R	872-A	
WT	210-0028	WT	RT	3Q5-GT	
WT	210-0029	WT	RT	6C5	
WT	210-0031	WT	CR	902-A	
WT	210-0037	WT	RT	117L7/M7-GT	
WT	210-0038	WT	T	172	
WT	210-0040	WT	RT	6X4	
WT	210-0042	WT	RT	5Y3-GT	
WT	210-0044	WT	T	575-A	
WT	210-0045	WT	VPT	892	
WT	210-0048	WT	RT	5U4-G	
WT	210-0052	WT	CR	2AP1-A	
WT	210-0053	WT	CR	3AP1-A	
WT	210-0056	WT	T	5559	
WT	210-0057	WT	T	5560	
WT	210-0058	WT	T	676	
WT	210-0060	WT	G	0Z4	
WT	210-0061	WT	RT		117N7-GT
WT	210-0062	WT	T	5557	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
WT	210-0067	WT	T		3C23
WT	210-0069	WT	T	5557	
WT	210-0070	WT	I	5550	
WT	210-0071	WT	I	5551-A	
WT	210-0073	WT	I	5553-B	
WT	210-0074	WT	T	105	
WT	210-0078	WT	T	172	
WT	210-0079	WT	T	105	
WT	210-0081	WT	RT	6SJ7	
WT	210-0082	WT	RT	6V6	
WT	210-0083	WT	RT	7K7	
WT	210-0084	WT	RT	6N7	
WT	210-0084	WT	RT	6N7-GT	
WT	210-0085	WT	RT	50B5	
WT	210-0086	WT	VPT	833-A	
WT	210-0087	WT	RT	6K8	
WT	210-0088	WT	RT	6J5	
WT	210-0088	WT	RT	6J5-GT	
WT	210-0089	WT	RT	6C6-G	
WT	210-0090	WT	RT	6C6	
WT	210-0091	WT	G	0A4-G	
	211	RCA	VPT		8005
	211	A	VPT		8005
GL	211	GE	VPT		8005
	211	NU	VPT		8005
	211	T	VPT		8005
UE	211	UE	VPT		8005
WL	211	WL	VPT		8005
T	211B	A	VPT		8005
	211C	T	VPT		
	211C	A	VPT		
	211D	WE	VPT		8005
	211D	A	VPT		8005
	211E	WE	VPT		
	211H	A	VPT		8005
RX	212	RK	R		
F	212E	F	VPT		
CE	213	CE	R		
	214E	WE	R		217-C
CE	215	CE	R		
RX	215	RK	R		
	217-A	WE	R		80
	217-C	RCA	R		217-C
GL	217-C	GE	R		217-C
	217-C	NU	R		217-C
	217-C	UE	R		217-C
CE	220	CE	R		8020
	220C	WE	VPT		892
ML	220C	ML	VPT		892
ML	220CA	ML	VPT		892
HF	220R	A	VPT		893A-R
F	222A	F	VPT		
	Z-225/866A	NU	R		866-A
	Z-225/866A	UE	R		866-A
	232C	A	VPT		892
	233	A	VPT		880
FG	235A	GE	I	5552-A	
FG	238B	GE	I	5555	
	241B	WE	VPT		833-A
	242A	WE	VPT		8005
	242B	WE	VPT		8005
	242C	WE	VPT		8005

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

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RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	242C	GE	VPT	884 2050	8005
WT	245	WT	T		
WT	246	WT	T		
	248A	WE	VPT		
	249A	WE	R	866-A	866-A
	249B	WE	R		
	249B	T	R		
WE	249C	WE	R	866-A	866-A
HF	250	A	VPT		
	250R	EM	VPT	806	806
	250T	EM	VPT		
DR	250TH	EM	VPT		
	250TH	GES	VPT		
	250TH	A	VPT	806	806
HK	250TL	EM	VPT		
	252	HK	R	217-C	217-C
HK	253	EM	R		
HK	254	HK	VPT	810	810
	254	HK	VPT		
	254B	WE	VPT	865	865
AX	255	A	T		
	255A	WE	R		
HF	255B	A	R		
	255B	WE	R	869-B	869-B
HK	257(B)	HK	VPT		
	258A	GE	I	4E27/ 8001	8001
FG	258B	A	R		
HF	258B	WE	R	5553-B	866-A
	258B	WE	R		
	258B	T	R	866-A	866-A
	260A	WE	VPT		
WT	261	WT	RT	6H6 866-A 84/6Z4	860
WT	262	WT	R		
WT	263	WT	R		
	263	WT	R		
F	266B	F	R	857-B	857-B
	266B	WE	R		
GL	266B	GE	R		
	266C	WE	R		
HF	267B	A	R	857-B	857-B
	267B	A	R		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
F	267B	F	R	872-A	872-A
	267B	WE	R		
	268A	WE	PT		
WT	269	WT	G	0C3 80	801-A
WT	270	WT	RT		
HF	270A	A	VPT	5Z3	5551-A
FG	270X	RT	RT		
	271	GE	J	5557	5557
WT	271A	WE	VPT		
	272	WT	T	5R4-GY	5R4-GY
WT	274	WT	G		
	274A	WE	RIT	5R4-GY	5R4-GY
	274B	WE	RIT		
HF	279A	A	VPT	8000	845
	279A	WE	VPT		
FG	280	GE	R	845	845
T	282A	T	VPT		
	284A	WE	VPT	845	845
	284B	WE	VPT		
	284D	WE	VPT	845	845
	284D	WE	VPT		
FP	285	UE	VPT	835	835
WL	285	WL	VPT		
	287A	WE	T	5557	5557
	289A	WE	R		
WT	294	WT	G	0D3	8005
	295A	WE	VPT		
DR	300	GES	VPT	806	806
HF	300	ML	VPT		
HF	300	A	VPT	806	806
NU	300	NU	VPT		
WT	301	WT	R	83	3C23
CE	302	CE	R		
	(722-A)			83	83
WE	301A	WE	R		
UE	303A	UE	VPT	203-A	203-A
	304A	WE	VPT		
	304A	UE	VPT	834	204-A
	304A	UE	VPT		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
WE	304B	WE	VPT	207	807
	304TH	EM	VPT		
CE	305	CE	T	6X5-GT 5557	5557
	306	CE	T		
CE	307A	F	VPT	801-A	6C6
F	307A	F	VPT		
WT	308	WE	VPT	1620	8005
CE	309	WT	RT		
	310	CE	T	3C23	3C23
WE	310A	WE	VPT		
UE	310B	WE	VPT	8000	828
CE	311	UE	VPT		
	311	CE	T	8000	828
UE	311CH	UE	VPT		
	312A	WE	VPT	1C21	673
F	313C	WE	G		
	315A	F	R	673	673
	315A	WE	R		
ML	315A	A	R	217-C	673
ML	315A	ML	R		
UE	317C	UE	R	872-A	872-A
F	318A	F	R		
ML	319A	ML	R	872-A	872-A
	319A	ML	R		
F	319A	F	R	673	673
F	319A	WE	R		
F	320B	F	VPT	803	3C23
HF	321A	WE	R		
	321A	A	R	803	3C23
ML	321A	ML	R		
	322A	WE	VPT	3C23	3C23
ML	322A	ML	R		
UE	323B	UE	T	3C23	3C23
UE	323B	UE	T		
NL	323B	NE	T	3C23	3C23
	323B	CH	T		
	327A	WE	VPT	810	810
	327B	WE	VPT		
	328A	WE	RT	805	6C6
	331A	WE	VPT		

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

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KEY TO SYMBOLS IN COLUMN 3

- A = Amperex Electronic Corp.
- BEN = Bendix Aviation Corp.
- BO = Bomac Laboratories, Inc.
- CH = Chatham Electronics Division
- CE = Continental Electric Co. (Cetron)
- D = A. B. Dumont Laboratories, Inc.
- EE = Electronic Enterprises, Inc.
- EM = Eitel-McCullough, Inc. (Eimac)
- EL = Electrons, Inc.
- F = Federal Telephone and Radio Co.
- GE = General Electric Co.
- GES = General Electronics Co.
- GS = General Scientific Corp.
- HK = Heinz and Kaufman
- IHY = CBS-Hytron
- IH = Induction Heating Corp.
- KU = Kuthe Laboratories
- ML = Machlett Laboratories, Inc.
- NAP = Philips Electron Tube Division
- NL = National Electronics, Inc.
- NU = National Union Electric Corp.
- PL = Penta Laboratories, Inc.
- R = Rauland Corporation
- RK = Raytheon Manufacturing Co.
- ROG = Rogers Electronic Tubes
- S = Sylvania Electric Products, Inc.
- STC = Standard Telephone and Cables
- T = Taylor Tubes, Inc.
- TS = Tung-Sol Electric, Inc.
- UE = United Electronics Co.
- WE = Western Electric Co.
- WL = Westinghouse Electric Corp.
- WT = Weltronic Co.

KEY TO SYMBOLS IN COLUMN 4

- CM = Camera Tube or Monoscope
- CR = Cathode-Ray Tube
- G = Glow Tube
- GA = Gauge Tube
- K = Klystron
- I = Ignitron
- IC = Image-Converter Tube
- M = Magnetron
- P = Phototube
- PC = Photoconductive Cell
- PJ = Photojunction Cell
- R = Rectifier
- RT = Receiving Tube
- RIT = Receiving-Type Industrial Tube
- ST = Storage Tube
- T = Thyatron
- TW = Traveling-Wave Tube
- VPT = Vacuum Power Tube

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†	Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†	Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class			Mfr. Prefix	Basic Designation	Mfr.	Tube Class			Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
	332A	WE	VPT		803												
	339A	WE	VPT		807	GL	421A	WE	VPT		6AS7-G						
	341A	WE	VPT		891-R		423A	WE	G		5651						
	341AA	WE	VPT		891-R	WL	427	GE	I								
F	342A	F	VPT				450	WL	VPT		833-A						
UE	342B	UE	VPT		8005	F	450TH	F	VPT		833-A						
	343A	WE	VPT				450TH	EM	VPT		833-A						
	343A	A	VPT				450TH	A	VPT		833-A						
F	343A	F	VPT		892	GL	450TL	EM	VPT	8020							
F	346A	F	VPT		1620		451	GE	R								
	348A	WE	VPT			WL	456	WL	R								
	349A	WE	RT		6F6	WL	460	WL	VPT		806						
	350A	WE	VPT	807		WL	463	WL	VPT		806						
	350B	WE	VPT		807	WL	468	WL	VPT		810						
	351A	WE	RT		6X5-GT	UE	468	UE	VPT		810						
	352A	WE	RT		807	WL	471	WL	VPT		8005						
	353A	F	R		6R7	WL	473	WL	VPT		5762/7C24						
HK	354-C	HK	VPT		872-A		481	WL	R		8013-A						
HK	354-D	HK	VPT		806	WL	502-A	RCA	T	502-A							
HK	354-E	HK	VPT		806	GL	502-A	GE	T	502-A							
HK	354-F	HK	VPT		806		502-A	WL	T	502-A							
ML	356	ML	VPT		5771	RH	507	WE	GA		1949						
ML	356/5771	ML	VPT		5771	GL	546	GE	T		5696						
	356A	WE	VPT		807	ZP	559	RCA	VPT	2C39-A							
	356B	WE	VPT		806		572	GE	VPT								
	357A	WE	VPT		833-A		575-A	RCA	R	575-A							
F	357A	F	R		857-B	CE	575-A	A	R	575-A							
	357B	ML	VPT		833-A		575-A	CE	R	575-A							
	357B	WE	VPT		833-A	F	575-A	EE	R	575-A							
	359A	WE	G		1C21		575-A	F	R	575-A							
F	363A	F	VPT		892	GL	575-A	GES	R	575-A							
	366A	WE	R	866-A		DR	575-A	GES	R	575-A							
F	367A	F	R		673		575-A	HY	R	575-A							
F	369-B	F	R		869-B		575-A	ML	R	575-A							
	371-B	EE	R		8020		575-A	NU	R	575-A							
	371-B	UE	R				575-A	S	R	575-A							
F	375A	F	R		575-A	WL	575-A	WL	R	575-A							
WT	377	WT	RT	117Z6-GT		UE	576	UE	R	575-A							
	381	ML	VPT	2C39-A		UE	577	UE	R		8020						
ML	384D	UE	VPT		845	WL	578	WL	R								
UE	384D	WE	VPT		845	UE	578	UE	R								
WT	389	WT	RT	3Q5-GT		UE	578	UE	R								
WT	390	WF	RT	6C5		GL	579-B	RCA	R	579-B							
	393A	WE	T		3C23		579-B	S	R	579-B							
UE	393A	UF	T		3C23		579-B	WL	R	579-B							
NL	393A	NE	T		3C23		592	GE	VPT								
	393A	GE	T		3C23	UE	596	UE	R								
GL	393A	CE	T		3C23	NL	600	NL	R								
CE	393A	CH	T		627	NL	602	NL	R								
	394A	WE	T		627	NL	604	NL	R								
	394A	WE	T		627	WT	606	WT	T	2D21							
	395A	WE	G		5823		615	NL	R								
	401	GE	P	IP29		NL	618	NL	R		5558						
	403A	WE	RT	6AK5		GL	627	RCA	T	627	5561						
	403B	WE	RT		6AK5		627	CE	T	627							
FJ	405	GE	P		935		627	GE	T	627							
	407A	S	RIT			KU	627	KU	T	627							
	408A	S	RIT		6AK5	NL	627	NL	T	627							
WE	408A	WE	RIT				627	NU	T	627							
GL	411	GE	R				627	S	T	627							
WL	414	WL	T				627	WL	T	627							
GL	415	GE	I	5550		KU	628	WL	T		5559						
	418A	WE	VPT			WL	629	RCA	T	629							
						WL	629	WL	T	629							
						WL	630	WL	T	2050							

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

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RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
DR	801-A	GES	VPT	801-A	
	801-A	HY	VPT	801-A	
	801-A	NU	VPT	801-A	
	801-A	S	VPT	801-A	
WL	801-A	WL	VPT	801-A	
	801-A/ 801	S	VPT	801-A	
	801-A/ 801	HY	VPT	801-A	
	802	RCA	VPT	802	
	802	A	VPT	802	
	802	GE	VPT	802	
DR	802	GES	VPT	802	
	802	HY	VPT	802	
	802	NU	VPT	802	
	802	WL	VPT	802	
	803	RCA	VPT	803	
	803	A	VPT	803	
GL	803	GE	VPT	803	
DR	803	GES	VPT	803	
	803	NU	VPT	803	
	803	T	VPT	803	
WL	803	WL	VPT	803	
	804	RCA	VPT	804	
DR	804	GES	VPT	804	
	804	NU	VPT	804	
	804	S	VPT	804	
	805	RCA	VPT	805	
	805	A	VPT	805	
GL	805	GE	VPT	805	
DR	805	GES	VPT	805	
	805	HY	VPT	805	
ML	805	ML	VPT	805	
	805	NU	VPT	805	
	805	S	VPT	805	
	805	T	VPT	805	
UE	805	UE	VPT	805	
WL	805	WL	VPT	805	
	806	RCA	VPT	806	
	806	A	VPT	806	
GL	806	GE	VPT	806	
DR	806	GES	VPT	806	
WL	806	WL	VPT	806	
	807	RCA	VPT	807	
	807	A	VPT	807	
GL	807	GE	VPT	807	
DR	807	GES	VPT	807	
	807	HY	VPT	807	
	807	NU	VPT	807	
RK	807	RK	VPT	807	
	807	S	VPT	807	
	807	TS	VPT	807	
WL	807	WL	VPT	807	
	808	RCA	VPT	808	
EE	808	EE	VPT	808	
DR	808	GES	VPT	808	
	808	NU	VPT	808	
	808	S	VPT	808	
WL	808	WL	VPT	808	
	809	RCA	VPT	809	
GL	809	GE	VPT	809	
DR	809	GES	VPT	809	
	809	HY	VPT	809	
	809	NU	VPT	809	
	809	S	VPT	809	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
WL	809	WL	VPT	809	
	810	RCA	VPT	810	
	810	A	VPT	810	
GL	810	GE	VPT	810	
DR	810	GES	VPT	810	
	810	HY	VPT	810	
ML	810	ML	VPT	810	
	810	NU	VPT	810	
	810	S	VPT	810	
	810	T	VPT	810	
UE	810	UE	VPT	810	
WL	810	WL	VPT	810	
	811	RCA	VPT	811-A	
	811	A	VPT	811-A	
GL	811	GE	VPT	811-A	
DR	811	GES	VPT	811-A	
	811	NU	VPT	811-A	
	811	S	VPT	811-A	
WL	811	WL	VPT	811-A	
	811-A	RCA	VPT	811-A	
GL	811-A	GE	VPT	811-A	
	811-A	HY	VPT	811-A	
RK	811-A	RK	VPT	811-A	
	811-A	S	VPT	811-A	
WL	811-A	WL	VPT	811-A	
	812	RCA	VPT	812-A	
	812	A	VPT	812-A	
GL	812	GE	VPT	812-A	
DR	812	GES	VPT	812-A	
	812	NU	VPT	812-A	
	812	S	VPT	812-A	
WL	812	WL	VPT	812-A	
GL	812-A	RCA	VPT	812-A	
	812-A	GE	VPT	812-A	
RK	812-A	RK	VPT	812-A	
	812-A	S	VPT	812-A	
WL	812-A	WL	VPT	812-A	
UE	812-H	UE	VPT	812-A	
	813	RCA	VPT	813	
	813	A	VPT	813	
GL	813	GE	VPT	813	
DR	813	GES	VPT	813	
	813	HY	VPT	813	
ML	813	ML	VPT	813	
	813	NU	VPT	813	
RK	813	RK	VPT	813	
	813	S	VPT	813	
	813	T	VPT	813	
UE	813	UE	VPT	813	
WL	813	WL	VPT	813	
	814	RCA	VPT	814	
GL	814	GE	VPT	814	
DR	814	GES	VPT	814	
	814	HY	VPT	814	
ML	814	ML	VPT	814	
	814	NU	VPT	814	
RK	814	RK	VPT	814	
WL	814	WL	VPT	814	
RK	814/ RK47	RK	VPT	814	
	815	RCA	VPT	815	
GL	815	GE	VPT	815	
DR	815	GES	VPT	815	
	815	HY	VPT	815	
	815	NU	VPT	815	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
WL	815	S	VPT	815	
	815	WL	VPT	815	
	816	RCA	R	816	
	816	A	R	816	
GL	816	GE	R	816	
DR	816	GES	R	816	
	816	HY	R	816	
	816	NU	R	816	
RK	816	RK	R	816	
	816	S	R	816	
WL	816	WL	R	816	
T	822	T	VPT	816	810
	826	RCA	VPT	826	
GL	826	GE	VPT	826	
DR	826	GES	VPT	826	
	826	HY	VPT	826	
ML	826	ML	VPT	826	
	826	NU	VPT	826	
WL	826	WL	VPT	826	
	827-R	RCA	VPT	827-R	
	828	RCA	VPT	828	
	828	A	VPT	828	
GL	828	GE	VPT	828	
DR	828	GES	VPT	828	
ML	828	ML	VPT	828	
	828	NU	VPT	828	
WL	828	WL	VPT	828	
	829	RCA	VPT	829-B	
	829-A	RCA	VPT	829-B	
	829-B	RCA	VPT	829-B	
	829-B	A	VPT	829-B	
GL	829-B	GE	VPT	829-B	
DR	829-B	GES	VPT	829-B	
	829-B	HY	VPT	829-B	
ML	829-B	ML	VPT	829-B	
	829-B	NU	VPT	829-B	
RK	829-B	RK	VPT	829-B	
	829-B	S	VPT	829-B	
	829-B	T	VPT	829-B	
WL	829-B	WL	VPT	829-B	
UE	830	UE	VPT	830-B	
	830-B	RCA	VPT	830-B	
	830-B	A	VPT	830-B	
GL	830-B	GE	VPT	830-B	
	830-B	NU	VPT	830-B	
	830-B	T	VPT	830-B	
UE	830-B	UE	VPT	830-B	
	832	RCA	VPT	832-A	
	832-A	RCA	VPT	832-A	
	832-A	A	VPT	832-A	
GL	832-A	GE	VPT	832-A	
DR	832-A	GES	VPT	832-A	
	832-A	HY	VPT	832-A	
ML	832-A	ML	VPT	832-A	
	832-A	NU	VPT	832-A	
RK	832-A	RK	VPT	832-A	
	832-A	S	VPT	832-A	
	832-A	T	VPT	832-A	
WL	832-A	WL	VPT	832-A	
	833	RCA	VPT	833-A	
	833-A	RCA	VPT	833-A	
	833-A	A	VPT	833-A	
GL	833-A	GE	VPT	833-A	
DR	833-A	GES	VPT	833-A	

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Design- ation	Mfr.	Tube Class		
	833-A	HY	VPT	833-A	
ML	833-A	ML	VPT	833-A	
UE	833-A	T	VPT	833-A	
WL	833-A	UE	VPT	833-A	
	834	WL	VPT	833-A	
	834	RCA	VPT	834	
DR	834	A	VPT	834	
	834	GES	VPT	834	
	834	NU	VPT	834	
UE	834	UE	VPT	834	
	835	A	VPT		
GL	835	GE	VPT		
	836	RCA	R	836	
	836	A	R	836	
EE	836	EE	R	836	
GL	836	GE	R	836	
DR	836	GES	R	836	
	836	NU	R	836	
WL	836	WL	R	836	
	837	RCA	VPT	837	
	837	A	VPT	837	
GL	837	GE	VPT	837	
DR	837	GES	VPT	837	
	837	HY	VPT	837	
	837	NU	VPT	837	
RK	837	RK	VPT	837	
	837	S	VPT	837	
WL	837	WL	VPT	837	
	838	RCA	VPT	838	
	838	A	VPT	838	
GL	838	GE	VPT	838	
DR	838	GES	VPT	838	
	838	HY	VPT	838	
	838	NU	VPT	838	
T	838	T	VPT	838	
UE	838	UE	VPT	838	
WL	838	WL	VPT	838	
	841	RCA	VPT	841	
	841	A	VPT	841	
	841	HY	VPT	841	
	842	A	VPT	841	
GL	842	GE	VPT		
	843	A	VPT		
GL	843	GE	VPT		
	843	NU	VPT		
	845	RCA	VPT	845	
GL	845	A	VPT	845	
	845	GE	VPT	845	
	845	HY	VPT	845	
	845	NU	VPT	845	
T	845	T	VPT	845	
UE	845	UE	VPT	845	
WL	845	WL	VPT	845	
	846	A	VPT		
GL	846	GE	VPT		
UE	846	UE	VPT		
F	849	F	VPT		
	849	A	VPT		
GL	849	GE	VPT		
ML	849	ML	VPT		
WL	849	WL	VPT		
	851	A	VPT		
WL	851	WL	VPT		
GL	851	GE	VPT		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Design- ation	Mfr.	Tube Class		
DR	851	GES	VPT		
UE	851	UE	VPT		
HK	854H	HK	VPT		833-A
	857	RCA	R	857-B	
	857-B	RCA	R	857-B	
	857-B	A	R	857-B	
F	857-B	F	R	857-B	
GL	857-B	GE	R	857-B	
DR	857-B	GES	R	857-B	
ML	857-B	ML	R	857-B	
WL	857-B	WL	R	857-B	
F	858	F	VPT		
	858	A	VPT		
GL	858	GE	VPT		
	859	A	VPT		
	860	RCA	VPT	860	893-A
UE	860	UE	VPT	860	
WL	860	WL	VPT	860	
	861	RCA	VPT	861	
DR	861	GES	VPT	861	
WL	861	WL	VPT	861	
F	862-A	F	VPT		
WL	862-A	WL	VPT		
GL	862-A	GE	VPT		
	865	RCA	VPT	865	
	865	NU	VPT	865	
	866	RCA	R	866-A	
HF	866-A	RCA	R	866-A	
	866-A	A	R	866-A	
	866-A	CE	R	866-A	
	866-A	CH	R	866-A	
EE	866-A	EE	R	866-A	
	866-A	EM	R	866-A	
GL	866-A	GE	R	866-A	
DR	866-A	GES	R	866-A	
	866-A	HY	R	866-A	
ML	866-A	ML	R	866-A	
	866-A	NU	R	866-A	
RK	866-A	RK	R	866-A	
	866-A	S	R	866-A	
T	866-A	T	R	866-A	
UE	866-A	UE	R	866-A	
WL	866-A	WL	R	866-A	
	866-A/	RCA	R	866-A	
	866	HY	R	866-A	
	866-AX	A	R		866-A
	866-JR	T	R		816
	866-JR	NU	R		816
	868	RCA	P	868	
GL	868	GE	P	868	
WL	868	WL	P	868	
	869-A	RCA	R	869-B	
	869-B	RCA	R	869-B	
	869-B	A	R	869-B	
F	869-B	F	R	869-B	
GL	869-B	GE	R	869-B	
DR	869-B	GES	R	869-B	
	869-B	HY	R	869-B	
	869-B	ML	R	869-B	
	869-B	S	R	869-B	
	869-B	WL	R	869-B	
WL	869-B	RCA	R	872-A	
	872	T	R	872-A	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Design- ation	Mfr.	Tube Class		
UE	872	UE	R	872-A	
	872-A	RCA	R	872-A	
	872-A	CE	R	872-A	
EE	872-A	EE	R	872-A	
	872-A	EM	R	872-A	
F	872-A	F	R	872-A	
GL	872-A	GE	R	872-A	
DR	872-A	GES	R	872-A	
	872-A	HY	R	872-A	
ML	872-A	ML	R	872-A	
	872-A	NU	R	872-A	
RK	872-A	RK	R	872-A	
	872-A	S	R	872-A	
	872-A	T	R	872-A	
UE	872-A	UE	R	872-A	
	872-A/	RCA	R	872-A	
	872				
ML	872-A/	ML	R	872-A	
WL	872-A/	WL	R	872-A	
	872-B	F	R		872-A
DR	873	GES	R		872-A
EE	873	EE	T		
GL	874	GE	R		
T	875-A	T	R	575-A	
	878	RCA	R	878	
DR	878	GES	R	878	
UE	878	UE	R	878	
	879	RCA	R	2X2-A	
	880	RCA	VPT	880	
	880	A	VPT	880	
F	880	F	VPT	880	
GL	880	GE	VPT	880	
ML	880	ML	VPT	880	
	880	S	VPT	880	
UE	880	UE	VPT	880	
WL	880	WL	VPT	880	
	884	RCA	T	884	
	884	A	T	884	
	884	CH	T	884	
GL	884	GE	T	884	
DR	884	GES	T	884	
	884	HY	T	884	
	884	NU	T	884	
RX	884	RK	T	884	
	884	S	T	884	
WL	884	WL	T	884	
	885	RCA	T	885	
	885	A	T	885	
	885	CH	T	885	
GL	885	GE	T	885	
DR	885	GES	T	885	
	885	NU	T	885	
RX	885	RK	T	885	
	885	S	T	885	
WL	885	WL	T	885	
	889	RCA	VPT	889-A	
	889-A	RCA	VPT	889-A	
	889-A	A	VPT	889-A	
F	889-A	F	VPT	889-A	
GL	889-A	GE	VPT	889-A	
ML	889-A	ML	VPT	889-A	
UE	889-A	UE	VPT	889-A	

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
WL	889-A	WL	VPT	889-A	
	889R	RCA	VPT	889R-A	
	889R-A	RCA	VPT	889R-A	
F	889R-A	A	VPT	889R-A	
	889R-A	F	VPT	889R-A	
	889R-A	GE	VPT	889R-A	
ML	889R-A	ML	VPT	889R-A	
UE	889R-A	UE	VPT	889R-A	
WL	889R-A	WL	VPT	889R-A	
	891	RCA	VPT	891	
	891	A	VPT	891	
F	891	F	VPT	891	
	891	GE	VPT	891	
DR	891	GES	VPT	891	
	891	ML	VPT	891	
ML	891	S	VPT	891	
	891	UE	VPT	891	
WL	891	WL	VPT	891	
F	891-R	RCA	VPT	891-R	
	891-R	A	VPT	891-R	
	891-R	F	VPT	891-R	
GL	891-R	GE	VPT	891-R	
DR	891-R	GES	VPT	891-R	
ML	891-R	ML	VPT	891-R	
	891-R	S	VPT	891-R	
UE	891-R	UE	VPT	891-R	
	891-R	WL	VPT	891-R	
WL	892	RCA	VPT	892	
F	892	A	VPT	892	
	892	F	VPT	892	
	892	GE	VPT	892	
DR	892	GES	VPT	892	
ML	892	ML	VPT	892	
UE	892	UE	VPT	892	
	892	WL	VPT	892	
	892-R	RCA	VPT	892-R	
WL	892-R	A	VPT	892-R	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
F	892-R	F	VPT	892-R	
	892-R	GE	VPT	892-R	
DR	892-R	GES	VPT	892-R	
ML	892-R	ML	VPT	892-R	
	892-R	S	VPT	892-R	
UE	892-R	UE	VPT	892-R	
WL	892-R	WL	VPT	892-R	
	893	RCA	VPT	893-A	
	893-A	RCA	VPT	893-A	
F	893-A	A	VPT	893-A	
	893-A	F	VPT	893-A	
GL	893-A	GE	VPT	893-A	
ML	893-A	ML	VPT	893-A	
	893-A	S	VPT	893-A	
UE	893-A	UE	VPT	893-A	
WL	893-A	WL	VPT	893-A	
F	893A-R	RCA	VPT	893A-R	
	893A-R	A	VPT	893A-R	
	893A-R	F	VPT	893A-R	
GL	893A-R	GE	VPT	893A-R	
ML	893A-R	ML	VPT	893A-R	
WL	893A-R	S	VPT	893A-R	
	893A-R	WL	VPT	893A-R	
GL	895	GE	VPT		
ML	895	ML	VPT		
WL	895	WL	VPT		
GL	895	A	VPT		
	895-R	A	VPT		
	895-R	GE	VPT		
ML	895-R	ML	VPT		
	895-R	WL	VPT		
F	898-A	RCA	VPT	898-A	
	898-A	A	VPT	898-A	
	898-A	F	VPT	898-A	
902	902	RCA	CR	902-A	
	902-A	RCA	CR	902-A	
UE	905	UE	VPT	805	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	906-P1	RCA	CR	3A1-A	
	908	RCA	CR	908-A	
	908-A	RCA	CR	908-A	
	914-A	GE	CR		
GL	917	RCA	P	917	
	917	GE	P	917	
	917	HY	P	917	
WL	917	WL	P	917	
	918	RCA	P	918	
GL	918	GE	P	918	
	918	HY	P	918	
	918	WL	P	918	
WL	919	RCA	P	919	
	919	GE	P	919	
GL	919	HY	P	919	
	919	WL	P	919	
	920	RCA	P	920	
WL	920	WL	P	920	
	920	GE	P	920	
GL	920	HY	P	920	
	920	S	P	920	
	920	WL	P	920	
WL	921	RCA	P	921	
	921	GE	P	921	
GL	921	HY	P	921	
	921	WL	P	921	
WL	921	WL	P	921	
	922	RCA	P	922	
GL	922	GE	P	922	
	922	HY	P	922	
WL	922	S	P	922	
	922	WL	P	922	
GL	923	RCA	P	923	
	923	GE	P	923	
WL	923	HY	P	923	
	923	WL	P	923	
WL	924	RCA	P	924	
	924	WL	P	924	
	925	RCA	P	925	

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

KEY TO SYMBOLS IN COLUMN 3

- | | | |
|--|--------------------------------------|--------------------------------------|
| A = Amperex Electronic Corp. | GES = General Electronics Co. | R = Rauland Corporation |
| BEN = Bendix Aviation Corp. | GS = General Scientific Corp. | RK = Raytheon Manufacturing Co. |
| BO = Bomac Laboratories, Inc. | HK = Heinz and Kaufman | ROG = Rogers Electronic Tubes |
| CH = Chatham Electronics Division | HY = CBS-Hytron | S = Sylvania Electric Products, Inc. |
| CE = Continental Electric Co. (Cetron) | IH = Induction Heating Corp. | STC = Standard Telephone and Cables |
| D = A. B. Dumont Laboratories, Inc. | KU = Kuthe Laboratories | T = Taylor Tubes, Inc. |
| EE = Electronic Enterprises, Inc. | ML = Machlett Laboratories, Inc. | TS = Tung-Sol Electric, Inc. |
| EM = Eitel-McCullough, Inc. (Eimac) | NAP = Philips Electron Tube Division | UE = United Electronics Co. |
| EL = Electrons, Inc. | NL = National Electronics, Inc. | WE = Western Electric Co. |
| F = Federal Telephone and Radio Co. | NU = National Union Electric Corp. | WL = Westinghouse Electric Corp. |
| GE = General Electric Co. | PL = Penta Laboratories, Inc. | WT = Weltronic Co. |

KEY TO SYMBOLS IN COLUMN 4

- | | | |
|-------------------------------|---------------------------|--------------------------------------|
| CM = Camera Tube or Monoscope | IC = Image-Converter Tube | RT = Receiving Tube |
| CR = Cathode-Ray Tube | M = Magnetron | RIT = Receiving-Type Industrial Tube |
| G = Glow Tube | P = Phototube | ST = Storage Tube |
| GA = Gauge Tube | PC = Photoconductive Cell | T = Thyatron |
| K = Klystron | PJ = Photojunction Cell | TW = Traveling-Wave Tube |
| I = Ignitron | R = Rectifier | VPT = Vacuum Power Tube |

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
WL	925	WL	P	925	
WL	926	RCA	P	926	
WL	926	WL	P	926	
GL	927	RCA	P	927	
GL	927	GE	P	927	
WL	927	HY	P	927	
WL	927	WL	P	927	
WL	928	RCA	P	928	
WL	928	WL	P	928	
GL	929	RCA	P	929	
GL	929	GE	P	929	
GL	929	HY	P	929	
WL	929	S	P	929	
WL	929	WL	P	929	
GL	930	RCA	P	930	
GL	930	GE	P	930	
GL	930	HY	P	930	
WL	930	WL	P	930	
UE	930	UE	VPT	830-B	
UE	930-B	UE	VPT	830-B	
UE	931	RCA	P	931-A	
UE	931-A	RCA	P	931-A	
GL	931-A	GE	P	931-A	
GL	931-A	HY	P	931-A	
GL	931-A	S	P	931-A	
WL	931-A	WL	P	931-A	
WL	931-VA	RCA	P	931-VA	
GL	934	RCA	P	934	
GL	934	HY	P	934	
GL	935	RCA	P	935	
GL	935	GE	P	935	
UE	938	UE	VPT	838	
UE	945	UE	VPT	845	
GL	954	RCA	RIT	954	
GL	954	GE	RIT	954	
GL	954	HY	RIT	954	
GL	954	RK	RIT	954	
GL	954	S	RIT	954	
GL	954	TS	RIT	954	
GL	955	RCA	RIT	955	
GL	955	GE	RIT	955	
GL	955	HY	RIT	955	
GL	955	NU	RIT	955	
GL	955	RK	RIT	955	
GL	955	S	RIT	955	
GL	955	TS	RIT	955	
GL	956	RCA	RIT	956	
GL	956	GE	RIT	956	
GL	956	RK	RIT	956	
GL	956	S	RIT	956	
GL	956	TS	RIT	956	
GL	957	RCA	RIT	957	
GL	957	GE	RIT	957	
GL	957	RK	RIT	957	
GL	958-A	RCA	RIT	958-A	
GL	959	RCA	RIT	959	
GL	959	GE	RIT	959	
UE	966	UE	R	866-A	
UE	966-A	UE	R	866-A	
UE	967	UE	T	5557	
UE	967	NU	T	5557	
UE	972	UE	R	872-A	
UE	972-A	UE	R	872-A	
UE	973	UE	T		5559

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
UE	975-A	UE	R	575-A	575-A
UE	975-A	NU	R	575-A	575-A
UE	991	RCA	G	991	
WL	1000T	WL	VPT		
WL	1000T	EM	VPT		
NL	1001	NL	I		5550
NL	1005	NL	I		5551-A
NL	1051	NL	I	5551-A	
NL	1052	NL	I	5551-A	
NL	1053	NL	I	5553-B	
R	1111	S	GA		1947
R	1111-M	S	GA		1947
E	1148	HY	VPT		
VC	1230	S	RT		30
VC	1237	S	R		
VC	1258	CH	T		6130/ 3C45
VC	1266	S	G		5823
VC	1267	S	RT		2A3
VC	1280	S	RT		14C7
VC	1603	TS	RT		1620 or 5879
GL	1603	GE	RT		1620 or 5879
GL	1609	RCA	VPT	1609	
GL	1611	RCA	RIT	1611	
GL	1612	RCA	VPT	1612	
GL	1612	GE	VPT	1612	
GL	1612	S	VPT	1612	
GL	1613	RCA	VPT	1613	
GL	1613	GE	VPT	1613	
GL	1614	RCA	VPT	1614	
GL	1614	GE	VPT	1614	
GL	1614	HY	VPT	1614	
GL	1616	RCA	R	1616	
GL	1616	A	R	1616	
GL	1616	GE	R	1616	
GL	1616	GES	R	1616	
GL	1616	HY	R	1616	
GL	1616	NU	R	1616	
GL	1616	S	R	1616	
GL	1619	RCA	VPT	1619	
GL	1619	GE	VPT	1619	
GL	1619	NU	VPT	1619	
GL	1620	RCA	VPT	1620	
GL	1620	GE	VPT	1620	
GL	1620	HY	VPT	1620	
GL	1620	NU	VPT	1620	
GL	1620	TS	VPT	1620	
GL	1621	RCA	VPT	1621	
GL	1621	GE	VPT	1621	
GL	1621	HY	VPT	1621	
GL	1621	NU	VPT	1621	
GL	1622	RCA	VPT	1622	
GL	1622	GE	VPT	1622	
GL	1622	HY	VPT	1622	
GL	1622	NU	VPT	1622	
GL	1623	RCA	VPT	1623	
GL	1623	GE	VPT	1623	
WL	1623	WL	VPT	1623	
WL	1624	RCA	VPT	1624	
GL	1624	GE	VPT	1624	
GL	1624	HY	VPT	1624	
GL	1624	NU	VPT	1624	
GL	1624	S	VPT	1624	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	1625	RCA	VPT	1625	
DR	1625	A	VPT	1625	
DR	1625	GE	VPT	1625	
DR	1625	GES	VPT	1625	
DR	1625	HY	VPT	1625	
DR	1625	NU	VPT	1625	
RK	1625	RK	VPT	1625	
RK	1625	S	VPT	1625	
RK	1625	TS	VPT	1625	
RK	1626	RCA	VPT	1626	
RK	1626	A	VPT	1626	
RK	1626	HY	VPT	1626	
RK	1626	S	VPT	1626	
RK	1626	TS	VPT	1626	
RK	1629	RCA	RIT	1629	
RK	1629	GE	RIT	1629	
RK	1629	HY	VPT	1629	
RK	1629	S	VPT	1629	
RK	1629	TS	VPT	1629	
RK	1631	RCA	VPT	1631	
RK	1632	RCA	VPT	1632	
RK	1633	GE	VPT	1632	
RK	1635	RCA	VPT	1635	
RK	1640	RCA	P	6405/ 1640	
RK	1654	RCA	R		IX2-A
RK	1699	RCA	CM	1699	
RK	1701	A	T	5557	
RK	1702	A	T		5563-A
RK	1754	KU	T		
RK	1802-P1	RCA	CR	5BP1-A	
RK	1811-P1	RCA	CR	7CP1	
RK	1816-P4	RCA	CR		10FP4-A
RK	1816-P4A	RCA	CR		10FP4-A
RK	1818-P1	RCA	CR	1818-P1	
RK	1818-P11	RCA	CR	1818-P11	
RK	1818-P27	RCA	CR	1818-P27	
RK	1849	RCA	CM	1850-A	
RK	1850-A	RCA	CM	1850-A	
RK	1850-A	RCA	CM	1850-A	
RK	1850-A	GE	CM	1850-A	
RK	1852	RCA	RT	6AC7	
RK	1853	RCA	RT	6AB7	
RK	1854	RCA	CM	6474	
RK	1855	RCA	CM	6896/ 1855	
RK	1899	RCA	CM		2F21
RK	1907	KU	T		
RK	1946	S	T		
RK	1947	RCA	GA	1946	
RK	1949	RCA	GA	1947	
RK	1950	RCA	GA	1949	
RK	1950	RCA	GA	1950	
RK	2020	RCA	P	2020	
RK	2022	RCA	P	2022	
RK	2029	RCA	VPT	2029	
RK	2050	RCA	T	2050	
RK	2050	A	T	2050	
RK	2050	CH	T	2050	
RK	2050	GE	T	2050	
RK	2050	HY	T	2050	
RK	2050	NU	T	2050	
RK	2050	RK	T	2050	
RK	2050	S	T	2050	
RK	2051	WL	T	2050	
RK	2051	RCA	T	2050	

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	2051	A	T	2050	
	2051	CH	T	2050	
	2051	GE	T	2050	
	2051	NU	T	2050	
	2051	RK	T	2050	
	2051	S	T	2050	
	2039	RCA	VPT	2039	
HF ZB	2525A5	D	CR	5BP1-A	
	3000	A	VPT		
	3200	A	VPT		
	4009	RCA	TW	4009	
F	4010	RCA	TW	4010	
	4011	RCA	TW	4011A	
	4011A	RCA	TW	4011A	
	5303	F	VPT		
	5331	A	VPT		
CK	5332	A	VPT		
	5514	HY	VPT		
	5516	HY	VPT		
	5517/ CK-1013	RK	R		
ML	5527	RCA	CM		
	5528	CE	T		
ML GL	5530	ML	VPT		
	5541	ML	VPT		
ML GL GL	5544	GE	T		
	5545	GE	T		
GL	5550	RCA	I	5550	
	5550	A	I	5550	
	5550	NL	I	5550	
	5550/ GL-415	GE	I	5550	
	5550/681	A	I	5550	
WL	5550/681	S	I	5550	
	5550/681/ 686	WL	I	5550	
AX	5551	RCA	I	5551-A	
	5551	NL	I	5551-A	
	5551/652	A	I	5551-A	
WL GL	5551/652	WL	I	5551-A	
	5551/ FG-271	GE	I	5551-A	
GL	5551-A	RCA	I	5551-A	
	5551-A	A	I	5551-A	
	5551-A	GE	I	5551-A	
WL	5551-A/ 652	S	I	5551-A	
	5551-A/ 652	WL	I	5551-A	
GL	5552	RCA	I	5552-A	
	5552	A	I	5552-A	
AX	5552	GE	I	5552-A	
	5552/651	A	I	5552-A	
WL GL	5552/651	S	I	5552-A	
	5552/651	WL	I	5552-A	
GL	5552/ FG-235A	GE	I	5552-A	
	5552-A	RCA	I	5552-A	
AX GL	5553	RCA	I	5553-B	
	5553/655	A	I	5553-B	
WL GL	5553/655	GE	I	5553-B	
	5553/655	WL	I	5553-B	
GL	5553/ FG-258A	GE	I	5553-B	
		RCA	I	5553-B	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	5553-A	RCA	I	5553-B	
	5553-A	GE	I	5553-B	
	5553-B	RCA	I	5553-B	
	5553-B	A	I	5553-B	
GL	5553-B	GE	I	5553-B	
	5553-B/ 655	S	I	5553-B	
WL	5553-B/ 655	WL	I	5553-B	
WL GL	5554/679	WL	I		
	5554/ FG-259B	GE	I		
GL	5555	RCA	I	5555	
	5555	GE	I	5555	
AX	5555	S	I	5555	
	5555/ 653-B	A	I	5555	
WL	5555/ 653B	WL	I	5555	
GL	5555/ FG-238B	GE	I	5555	
	5556	RCA	VPT	5556	
GL	5556	GE	VPT	5556	
	5556/PJ-8	GE	VPT	5556	
WL	5557	RCA	T	5557	
	5557	CE	T	5557	
	5557	S	T	5557	
	5557/17	WL	T	5557	
GL	5557/715	NL	T	5557	
	5557/ FG-17	GE	T	5557	
AX	5557/ FG-17/ 1701	A	T	5557	
GL	5558	RCA	R	5558	
	5558	GE	R	5558	
	5558/32	WL	R	5558	
	5558/ FG-32	GL	R	5558	
GL	5559	RCA	T	5559	
	5559	A	T	5559	
WL GL	5559	GE	T	5559	
	5559/57	S	T	5559	
GL	5559/ FG-57	WL	T	5559	
		GE	T	5559	
GL	5560	RCA	T	5560	
	5560	S	T	5560	
	5560/ FG-95	A	T	5560	
	5560/ FG-95	GE	T	5560	
	5560/ FG-95	HY	T	5560	
GL WL GL	5561	RCA	R	5561	
	5561	GE	R	5561	
	5561/104	WL	R	5561	
	5561/ FG-104	GE	R	5561	
F	5561/ FG-104	HY	R	5561	
	5563	RCA	T	5563-A	
GL	5563	F	T	5563-A	
	5563-A	RCA	T	5563-A	
GL	5581	RCA	P	5581	
	5581	GE	P	5581	
GL	5581	HY	P	5581	
		P			

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
WL	5581	WL	P	5581	
	5582	RCA	P	5582	
	5583	RCA	P	5583	
	5583	HY	P	5583	
GL ML	5584	RCA	P	5584	
	5588	RCA	VPT	5588	
	5588	GE	VPT	5588	
	5590/ 401B	ML	VPT	5588	
	5590/ 403B	WE	RIT		
ML GL AX	5591/ 403B	WE	RIT		
	5592	RCA	VPT	5592	
	5592	ML	VPT	5592	
GL AX	5593	GE	R		
	5604	A	VPT	5604-A	
ML WL	5604	F	VPT	5604-A	
	5604	ML	VPT	5604-A	
	5604	WL	VPT	5604-A	
ML	5604-A	RCA	VPT	5604-A	
	5606	ML	VPT		
F GL	5606	F	VPT		
	5618	A	VPT	5618	
	5619	A	VPT		
	5619	F	VPT		
GL	5632	GE	T	C3J/5632	
	5632/C3J	GE	T	C3J/5632	
GL	5636	RCA	RIT	5636	
	5636	GE	RIT	5636	
	5636	S	RIT	5636	
	5636	TS	RIT	5636	
	5636-A	RCA	RIT	5636	
CK	5636-A	S	RIT	5636	
	5636-A	TS	RIT	5636	
	5639	RCA	RIT	5639	
	5639	RK	RIT	5639	
CK	5639	S	RIT	5639	
	5639	TS	RIT	5639	
	5642	RCA	R	5642	
	5642	GE	R	5642	
CK	5642	HK	R	5642	
	5642	S	R	5642	
CK	5643	RK	T		
	5651	RA	G	5651	
GL	5651	A	G	5651	
	5651	CH	G	5651	
	5651	GE	G	5651	
	5651	HY	G	5651	
	5651	RK	G	5651	
CK	5651	S	G	5651	
	5651	TS	G	5651	
GL	5651	UE	G	5651	
	5651-WA	RCA	G	5651-WA	
	5651-WA	CH	G	5651-WA	
	5651-WA	RK	G	5651-WA	
	5651-WA	UE	G	5651-WA	
GL	5652	RCA	P	5652	
	5653	RCA	P	5653	
	5653	HY	P	5653	
	5653	S	P	5653	
	5654	RCA	RIT	5654	
GL	5654	GE	RIT	5654	
	5654	HY	RIT	5654	
CK	5654	RK	RIT	5654	
	5654	S	RIT	5654	

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

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RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
	5654	TS	RIT	5654	
GL	5654	NAP	RIT	5654	
	5654/6AK5-W	RCA	RIT	5654/6AK5-W	
	5654/6AK5-W	GE	RIT	5654/6AK5-W	
	5654/6AK5-W	HY	RIT	5654/6AK5-W	
	5654/6AK5-W	RK	RIT	5654/6AK5-W	
	5654/6AK5-W	TS	RIT	5654/6AK5-W	
	5654/6AK5-W	S	RIT	5654/6AK5-W	
	5654/6AK5-W/6096	RCA	RIT	5654/6AK5-W/6096	
	5654/6AK5-W/6096	GE	RIT	5654/6AK5-W/6096	
	5654/6AK5-W/6096	HY	RIT	5654/6AK5-W/6096	
	5654/6AK5-W/6096	S	RIT	5654/6AK5-W/6096	
	5654/6AK5-W/6096	TS	RIT	5654/6AK5-W/6096	
	5658	A	VPT		880
	5658	F	VPT		880
	5658	ML	VPT		880
5659	GE	RIT		12A6	
5660	GE	RIT		12C8	
5661	GE	RIT		12SK7	
GL	5662	GE	T		
	5663	GE	T		5696
	5664	WL	T		3C23
EL	5664	EL	T		3C23
	5665	EL	T	C16J/5665	
WL	5665	WL	T	C16J/5665	
GL	5665/C16J	GE	T	C16J/5665	
	5666	A	VPT		889-A
F	5666	F	VPT		889-A
	5666	ML	VPT		889-A
F	5667	A	VPT		889R-A
	5667	F	VPT		889R-A
	5667	ML	VPT		889R-A
F	5668	A	VPT		892
	5668	F	VPT		892
ML	5668	ML	VPT		892
	5669	A	VPT		892-R
	5669	F	VPT		892-R
F	5669	ML	VPT		892-R
	5670	RCA	RIT	5670	
CK	5670	BEN	RIT	5670	
	5670	GE	RIT	5670	
	5670	HY	RIT	5670	
	5670	RK	RIT	5670	
	5670	S	RIT	5670	
	5670	TS	RIT	5670	
GL	5670-WA	RCA	RIT	5670-WA	
	5670-WA	GE	RIT	5670-WA	
	5670-WA	HY	RIT	5670-WA	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
ML	5670-WA	S	RIT	5670-WA	
	5670-WA	TS	RIT	5670-WA	
	5671	RCA	VPT	5671	
	5671	ML	VPT	5671	
	5671	WL	VPT	5671	
	5675	RCA	VPT	5675	
WL	5675	HY	VPT	5675	
	5675	S	VPT	5675	
	5679	S	VPT	5679	
	5683	EL	T		
	5685	WL	T		
AX	5685/C6J	A	T	C6J-A/5685	
EL	5685/C6J	CE	T	C6J-A/5685	
	5685/C6J-A	EL	T	C6J-A/5685	
	5686	RCA	RIT	5686	
GL	5686	GE	RIT	5686	
	5686	HY	RIT	5686	
	5686	RK	RIT	5686	
CK	5686	S	RIT	5686	
	5686	TS	RIT	5686	
	5687	RCA	RIT	5687	
GL	5687	GE	RIT	5687	
	5687	HY	RIT	5687	
	5687	S	RIT	5687	
	5687	TS	RIT	5687	
	5690	RCA	R	5690	
	5690	HY	R	5690	
	5691	RCA	RIT	5691	
	5691	GE	RIT	5691	
	5691	HY	RIT	5691	
	5691	S	RIT	5691	
WL	5691	TS	RIT	5691	
	5691	WL	RIT	5691	
	5692	RCA	RIT	5692	
GL	5692	GE	RIT	5692	
	5692	HY	RIT	5692	
	5692	S	RIT	5692	
WL	5692	WL	RIT	5692	
	5693	RCA	RIT	5693	
	5693	GE	RIT	5693	
GL	5693	HY	RIT	5693	
	5693	S	RIT	5693	
	5693	TS	RIT	5693	
WL	5693	WL	RIT	5693	
	5695	EE	R		
F	5696	RCA	T	5696	
	5696	GE	T	5696	
CK	5696	HY	T	5696	
	5702-WA	RK	RIT		
GL	5702-WA	RK	RIT		
	5713	RCA	VPT	5713	
	5718	RCA	RIT	5718	
GL	5718	GE	RIT	5718	
	5718	HY	RIT	5718	
	5718	S	RIT	5718	
GL	5718-A	RCA	RIT	5718	
	5718-A	GE	RIT	5718	
	5718-A	S	RIT	5718	
GL	5719	RCA	RIT	5719	
	5719	GE	RIT	5719	
	5719	HY	RIT	5719	
	5719	S	RIT	5719	
	5719	TS	RIT	5719	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	5719	S	RIT	5719	
	5719-A	RCA	RIT	5719	
	5719-A	GE	RIT	5719	
	5719-A	S	RIT	5719	
	5725	RCA	RIT	5725	
GL	5725	GE	RIT	5725	
	5725	RK	RIT	5725	
	5725	TS	RIT	5725	
CK	5725	S	RIT	5725	
	5725/6AS6-W/6187				
	5725/6AS6-W/6187	TS	RIT		
	5726	RCA	RIT	5726	
	5726	GE	RIT	5726	
	5726	RK	RIT	5726	
	5726	S	RIT	5726	
	5726	TS	RIT	5726	
	5726	NAP	RIT	5726	
	5726/6AL5-W	RCA	RIT	5726/6AL5-W	
GL	5726/6AL5-W	GE	RIT	5726/6AL5-W	
	5726/6AL5-W	S	RIT	5726/6AL5-W	
	5726/6AL5-W	RCA	RIT	5726/6AL5-W	
GL	5726/6AL5-W/6097	GE	RIT	5726/6AL5-W/6097	
	5726/6AL5-W/6097	GE	RIT	5726/6AL5-W/6097	
	5727	RCA	T	5727	
GL	5727	A	T	5727	
	5727	GE	T	5727	
	5727	HY	T	5727	
	5727	S	T	5727	
	5727	NAP	T	5727	
GL	5727/2D21-W	RCA	T	5727/2D21-W	
	5727/2D21-W	GE	T	5727/2D21-W	
	5727/2D21-W	S	T	5727/2D21-W	
GL	5727/2D21-W	TS	T	5727/2D21-W	
	5734	RCA	VPT	5734	
	5736	A	VPT		5762/7C24
WL	5736	WL	VPT		5762/7C24
	5741	GE	R		8020
GL	5743	GE	VPT		5556
	5744-WB	RK	RIT		
GL	5749	GE	RIT	5749	
	5749	RCA	RIT	5749	
	5749	HY	RIT	5749	
CK	5749	RK	RIT	5749	
	5749	S	RIT	5749	
GL	5749	TS	RIT	5749	
	5749/6BA6-W	RCA	RIT	5749/6BA6-W	
	5749/6BA6-W	GE	RIT	5749/6BA6-W	
	5749/6BA6-W	HY	RIT	5749/6BA6-W	
	5749/6BA6-W	S	RIT	5749/6BA6-W	
	5749/6BA6-W	TS	RIT	5749/6BA6-W	
	5749/6BA6-W	RCA	RIT	5749/6BA6-W	

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL CK	5749/ 6BA6-W	S	RIT	5749/ 6BA6-W	5750
	5749/ 6BA6-W	TS	RIT		
	5750	RCA	RIT		
	5750	GE	RIT		
	5750	RK	RIT		
GL	5750	S	RIT	5750	5750
	5750/ 6BE6-W	GE	RIT		
GL	5751	RCA	RIT	5751	
	5751	GE	RIT		
	5751	HY	RIT		
CK	5751	RK	RIT	5751	
	5751	S	RIT		
	5751	TS	RIT		
GL	5751-WA	RCA	RIT	5751-WA	
	5751-WA	GE	RIT		
F	5751-WA	S	RIT	5751-WA	
	5751-WA	TS	RIT		
	5762	RCA	VPT		
	5762	F	VPT		
GL	5762	GE	VPT	5762/ 7C24	
	5762/ 7C24	RCA	VPT		
	5763	RCA	VPT		
	5763	GE	VPT		
GL	5763	HY	VPT	5763	
	5763	RK	VPT		
CK	5763	S	VPT	5763	
	5764	S	VPT		
	5765	S	VPT		
	5767	S	VPT		
	5768	S	VPT		
	5770	RCA	VPT		
	5771	RCA	VPT		
5771	A	VPT			

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
F ML	5771	F	VPT	5771	
	5771	ML	VPT		
GL	5786	RCA	VPT	5786	5555 6562 6562 5763
	5788	GE	I		
	5794	S	VPT		
	5794	RK	VPT		
	5812	HY	VPT		
GL	5814	GE	RIT	5814-A	
	5814	HY	RIT		
CK	5814	RK	RIT	5814-A	
	5814	S	RIT		
	5814	TS	RIT		
GL	5814-A	RCA	RIT	5814-A	
	5814-A	GE	RIT		
	5814-A	HY	RIT		
	5814-A	HY	RIT		
	5814-A	S	RIT		
	5814-A	TS	RIT		
	5814-WA	RCA	RIT		
GL	5814-WA	S	RIT	5814-WA	
	5819	RCA	P		
	5820	RCA	CM		
	5822	RCA	I		
	5822	A	I		
	5822	GE	I		
	5822	WL	I		
WL	5822-A	RCA	I	5822-A	
	5822-A	GE	I		
WL	5822-A	WL	I	5822-A	
	5823	RCA	G		
ML	5823	HY	G	5823	25B6-G
	5823	S	G		
	5824	GE	RIT		
	5825	RCA	R		
	5834	ML	VPT		
GL	5838	BEN	R	5840	
	5839	BEN	R		
	5840	RCA	RIT		
	5840	GE	RIT		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	5840	S	RIT	5840	5840 5840 6211
	5840-A	GE	RIT		
GL	5844	S	RIT	5844	
	5851	GE	VPT		
	5851	NU	RIT		
	5851	NU	RIT		
GL	5852	BEN	VPT	5852/ AX9900	833-A
	5862/ AX9900	A	VPT		
	5867/ AX9901	A	VPT		
	5868/ AX9902	A	VPT		
	5876	RCA	VPT		
	5876	S	VPT		
	5876-A	RCA	VPT		
	5879	RCA	RT		
	5879	GE	RT		
	5879	HY	RT		
GL	5879	S	RT	5879	5879 5881 5881 5881 5881 5881 5890 5893 5893 5894
	5879	TS	RT		
	5881	RCA	RT		
	5881	GE	RT		
	5881	HY	RT		
	5881	S	RT		
	5881	TS	RT		
	5890	RCA	VPT		
	5891	WL	VPT		
	5893	RCA	VPT		
ML	5894	A	VPT	5894	
	5894	ML	VPT		
	5896	RCA	RIT		
	5896	GE	RIT		
	5896	S	RIT		
GL	5896-A	RCA	RIT	5896-A	5896-A 5718 5719 5899 5899
	5897	S	RIT		
	5898	S	RIT		
	5899	RCA	RIT		
	5899	GE	RIT		
	5899	GE	RIT		
	5899	GE	RIT		

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KEY TO SYMBOLS IN COLUMN 3

- A = Amperex Electronic Corp.
- BEN = Bendix Aviation Corp.
- BO = Bomac Laboratories, Inc.
- CH = Chatham Electronics Division
- CE = Continental Electric Co. (Cetron)
- D = A. B. Dumont Laboratories, Inc.
- EE = Electronic Enterprises, Inc.
- EM = Eitel-McCullough, Inc. (Eimac)
- EL = Electrons, Inc.
- F = Federal Telephone and Radio Co.
- GE = General Electric Co.
- GES = General Electronics Co.
- GS = General Scientific Corp.
- HK = Heinz and Kaufman
- HY = CBS-Hytron
- IH = Induction Heating Corp.
- KU = Kuthe Laboratories
- ML = Machlett Laboratories, Inc.
- NAP = Philips Electron Tube Division
- NL = National Electronics, Inc.
- NU = National Union Electric Corp.
- PL = Penta Laboratories, Inc.
- R = Rauland Corporation
- RK = Raytheon Manufacturing Co.
- ROG = Rogers Electronic Tubes
- S = Sylvania Electric Products, Inc.
- STC = Standard Telephone and Cables
- T = Taylor Tubes, Inc.
- TS = Tung-Sol Electric, Inc.
- UE = United Electronics Co.
- WE = Western Electric Co.
- WL = Westinghouse Electric Corp.
- WT = Weltronic Co.

KEY TO SYMBOLS IN COLUMN 4

- CM = Camera Tube or Monoscope
- CR = Cathode-Ray Tube
- G = Glow Tube
- GA = Gauge Tube
- K = Klystron
- I = Ignitron
- IC = Image-Converter Tube
- M = Magnetron
- P = Phototube
- PC = Photoconductive Cell
- PJ = Photojunction Cell
- R = Rectifier
- RT = Receiving Tube
- RIT = Receiving-Type Industrial Tube
- ST = Storage Tube
- T = Thyatron
- TW = Traveling-Wave Tube
- VPT = Vacuum Power Tube

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	5899	S	RIT	5899	
	5899-A	RCA	RIT	5899	
	5899-A	GE	RIT	5899	
	5899-A	S	RIT	5899	
	5902	RCA	RIT	5902	
GL	5902	GE	RIT	5902	
	5902	HY	RIT	5902	
	5902	RK	RIT	5902	
	5902	S	RIT	5902	
CK	5902	RCA	RIT	5902	
	5915	RCA	RIT	5915	
	5915	GE	RIT	5915	
	5915	HY	RIT	5915	
GL	5915	GE	RIT	5915	
	5915	HY	RIT	5915	
	5915	S	RIT	5915	
	5915-A	GE	RIT	5915	5915
GL	5915-A	HY	RIT	5915	5915
	5917	S	RIT	5915	5915
F	5918	F	VPT	5770	
	5919	F	VPT	5671	
	5920	A	RIT	6101	
AX	5923/9904	A	VPT		
	5930	S	VPT	2A3	
	5931	S	VPT	5U4-GB	
	5932	S	VPT	7027-A	
	5933	S	VPT	807	
WL	5933-WA	S	VPT	807	
	5934	WL	R	579-B	
WL	5936	WL	VPT	9C21	
	5946	RCA	VPT	5946	
GL	5948/1754	KU	T		
	5948/1754	GE	T		
GL	5949/1907	KU	T		
	5960	BEN	RIT		
	5963	RCA	RIT	5963	
	5963	GE	RIT	5963	
	5963	HY	RIT	5963	
	5963	S	RIT	5963	
	5964	RCA	RIT	5964	
	5965	RCA	RIT	5965	
	5965	GE	RIT	5965	
	5965	HY	RIT	5965	
GL	5965	S	RIT	5965	
	5976	RK	K	2K26	
	5992	BEN	RIT		
	5993	BEN	RIT		
GL	5998/421A	WE	RIT		
	6005	RCA	RIT	6005	
	6005	GE	RIT	6005	
	6005	HY	RIT	6005	
	6005	S	RIT	6005	
	6005	TS	RIT	6005	
	6005/6AQ5-W	RCA	RIT	6005/6AQ5-W	
	6005/6AQ5-W	GE	RIT	6005/6AQ5-W	
	6005/6AQ5-W	HY	RIT	6005/6AQ5-W	
	6005/6AQ5-W/6095	RCA	RIT	6005/6AQ5-W/6095	
6005/6AQ5-W/6095	GE	RIT	6005/6AQ5-W/6095		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
F	6005/6AQ5-W/6095	HY	RIT	6005/6AQ5-W/6095	
	6009	F	VPT		
	6011/710	WL	T		
	6012	RCA	T	6012	
GL	6012	HY	T	6012	
	6014	RCA	T	6012	
GL	6014/CIK	GE	T	6014	
	6021	RCA	RIT	6021	
GL	6021	GE	RIT	6021	
	6021	RK	RIT	6021	
CK	6026	RCA	VPT	6026	
	6028	WE	RIT		5654
	6028/408A	WE	RIT		5654
	6032	RCA	IC	6032, 6032-A	
GL	6032-A	RCA	IC	6032-A	
	6044	CE	T		
	6046	GE	RIT		
	6057	STC	RIT		5751
	6058	STC	RIT		5726
CK	6060	STC	RIT		6201
	6062	STC	VPT		5763
	6067	STC	RIT		5814-A
	6072	RCA	RIT	6072	
	6072	GE	RIT	6072	
	6072	HY	RIT	6072	
	6073	RCA	G	6073	
	6073	HY	G	6073	
	6073	RK	G	6073	
	6073/0A2	RCA	G	6073/0A2	
GL	6074	TS	G	6074	
	6074/0B2	RCA	G	6074/0B2	
	6076	A	VPT		
	6080	RCA	RIT	6080	
	6080	GE	RIT	6080	
	6080	HY	RIT	6080	
	6080-WA	RCA	RIT	6080-WA	
	6080-WA	CH	RIT	6080-WA	
	6080-WA	TS	RIT	6080-WA	
	6082	RCA	RIT	6082	
GL	6082	TS	RIT	6082	
	6082-A	BEN	RIT		6082
	6084	NAP	RIT		5879
	6085	NAP	RIT		5692
	6087	GE	R		5690
	6094	BEN	RIT		6005
	6096	GE	RIT	5654/6AK5-W/6096	
	6097	GE	RIT	5726/6AL5-W/6097	
	6099	RCA	RIT	6099	
	6099	HY	RIT	6099	
GL	6099	S	RIT	6099	
	6100/6C4-WA	GE	RIT		
	6101	RCA	RIT	6101	
	6101	HY	RIT	6101	
GL	6101/6J6-WA	RCA	RIT	6101/6J6-WA	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	6101/6J6-WA	HY	RIT	6101/6J6-WA	
	6106	BEN	R		5690
	6111	RCA	RIT	6111	
	6111	GE	RIT	6111	
	6111	HY	RIT	6111	
CK	6111	RK	RIT	6111	
	6111	S	RIT	6111	
	6112	RCA	RIT	6112	
GL	6112	GE	RIT	6112	
	6112	HY	RIT	6112	
	6112	RK	RIT	6112	
CK	6112	S	RIT	6112	
	6130	BO	T	6112	6112
GL	6130	GE	T	6130/3C45	
	6130	GE	T	6130/3C45	
	6130	KU	T	6130/3C45	
GL	6130/3C45	RCA	T	6130/3C45	
	6134	GE	RIT		
GL	6135	GE	RIT		
	6136	RCA	RIT	6136	
GL	6136	GE	RIT	6136	
	6136	HY	RIT	6136	
GL	6136	TS	RIT	6136	
	6137	GE	RIT		
RK	6140/423A	WE	G		5651
	6146	RCA	VPT	6146	
WL	6146	GE	VPT	6146	
	6146	HY	VPT	6146	
WL	6146	RK	VPT	6146	
	6146	S	VPT	6146	
WL	6146	WL	VPT	6146	
	6155	A	VPT	6155/4-125A	
WL	6155/4-125A	RCA	VPT	6155/4-125A	
	6156	A	VPT	6156/4-250A	
WL	6156/4-250A	RCA	VPT	6156/4-250A	
	6159	RCA	VPT	6159	
WL	6159	S	VPT	6159	
	6161	WL	VPT	6159	
WL	6161	RCA	VPT	6161	
	6161	GE	VPT	6161	
WL	6161	HY	VPT	6161	
	6166	RCA	VPT	6166	
GL	6173	RCA	VPT	6173	
	6180	STC	R		
GL	6181	RCA	VPT	6181	
	6181	GE	VPT	6181	5690
GL	6186/6AG5-WA	RCA	RIT	6181	
	6189/12AU7-WA	RCA	RIT	6186/6AG5-WA	
GL	6189/12AU7-WA	GE	RIT	6189/12AU7-WA	
	6189/12AU7-WA	S	RIT	6189/12AU7-WA	
GL	6189/12AU7-WA	TS	RIT	6189/12AU7-WA	
	6189/12AU7-WA	RCA	VPT	6189/12AU7-WA	
GL	6197	RCA	VPT	6197	

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RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	6197	HY	VPT	6197	7038 7038
	6198	RCA	CM	6198	
	6198	GE	CM	6198	
WL	6198-A	RCA	CM		
	6198-A	WL	CM		
GL	6199	RCA	P	6199	
	6201	RCA	RIT	6201	
	6201	GE	RIT	6201	
	6201	HY	RIT	6201	
	6201	S	RIT	6201	
	6201	NAP	RIT	6201	
	6202	GE	R		
	6205	RCA	RIT	6205	
	6205	GE	RIT	6205	
	6205	S	RIT	6205	
GL	6206	RCA	RIT	6206	
	6206	S	RIT	6206	
	6211	RCA	RIT	6211	
	6211	GE	RIT	6211	
	6211	HY	RIT	6211	
	6211	S	RIT	6211	
	6217	RCA	P	6217	
	6263	RCA	VPT	6263	
	6263	S	VPT	6263	
	6264	RCA	VPT	6264-A	
GL	6264	S	VPT	6264-A	
	6264-A	RCA	VPT	6264-A	
	6265	GE	RIT		
	6267	ROG	RIT		
	6278	CE	T		
	6291	D	P		
	6292	D	P		
	6293	RCA	VPT	6293	
	GL	6326	RCA	CM	6326
		6326	GE	CM	6326
6326-A		RCA	CM		
6328		RCA	P	6328	
6333		A	VPT		
6336		CH	RIT		
6337		CH	RIT		
6342		RCA	P	6342, 6342-A	
6342-A		RCA	P	6342-A	
6346		GE	I		
GL	6347	GE	I		
	6348	GE	I		
	6350	RCA	RIT	6350	
	6350	GE	RIT	6350	
	6350	HY	RIT	6350	
	6350	S	RIT	6350	
	6360	VPT	A		
	6363	D	P		
	6364	D	P		
	6365	D	P		
F	6366	F	VPT		
	6367	F	VPT		
	6372	RCA	P		
	6379	F	VPT		
	6383	RCA	VPT	6383	
	6384	BEN	RIT		
	6385	BEN	RIT		
	6394	CH	RIT		
	6399	F	VPT		
	6400	F	VPT		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	6405/1640	RCA	P	6405/1640	
	6414	GE	RIT		
	6417	RCA	VPT	6417	
	6417	HY	VPT	6417	
	6445	A	VPT		
	6446	A	VPT		
	6447	A	VPT		
	6448	RCA	VPT	6448	
	6467	D	P		
	6472	RCA	P	6472	
CK	6474	RCA	CM	6474	
	6474/1854	RCA	CM	6474	
	6485	RK	RIT		
	6486	BEN	RIT		
	6486A	BEN	RIT		
	6499	RCA	ST	6499	
	6509	GE	I		
	6514	GE	I		
	6520	CH	RIT		
	6521	RCA	M	6521	
GL	6524	RCA	VPT	6524	
	6528	TS	RIT		
	6533	RK	RIT		
	6550	TS	RIT		
	6562	RCA	VPT	6562	
	6570	RCA	P	6570	
	6571	RCA	ST	6571	
	6576	ML	VPT		
	6582-A	BEN	RIT		
	6626	HY	G		
ML	6626/0A2-WA	RCA	G	6626/0A2-WA	
	6626/0A2-WA	CH	G	6626/0A2-WA	
	6626/0A2-WA	HY	G	6626/0A2-WA	
	6626/0A2-WA	HY	G	6626/0A2-WA	
	6655	RCA	P	6655-A	
	6655-A	RCA	P	6655-A	
	6660	GE	RIT	6660/6BA6	
	6660	HY	RIT	6660/6BA6	
	6660/6BA6	RCA	RIT	6660/6BA6	
	6661	GE	RIT	6661/6BH6	
GL	6661	HY	RIT	6661/6BH6	
	6661	TS	RIT	6661/6BH6	
	6661/6BH6	RCA	RIT	6661/6BH6	
	6662	GE	RIT	6662/6BJ6	
	6662	HY	RIT	6662/6BJ6	
	6662	TS	RIT	6662/6BJ6	
	6662/6BJ6	RCA	RIT	6662/6BJ6	
	6663	GE	RIT	6663/6AL5	
	6663/6AL5	RCA	RIT	6663/6AL5	
	6663/6AL5	HY	RIT	6663/6AL5	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	6669	GE	RIT	6669/6AQ5-A	
	6669	HY	RIT	6669/6AQ5-A	
	6669/6AQ5-A	RCA	RIT	6669/6AQ5-A	
	6677	GE	RIT	6677/6CL6	
	6677	HY	RIT	6677/6CL6	
	6677/6CL6	RCA	RIT	6677/6CL6	
	6678	GE	RIT	6678/6U8-A	
	6678	HY	RIT	6678/6U8-A	
	6678/6U8-A	RCA	RIT	6678/6U8-A	
	6679	GE	RIT	6679/12AT7	
GL	6679	HY	RIT	6679/12AT7	
	6679	TS	RIT	6679/12AT7	
	6679/12AT7	RCA	RIT	6679/12AT7	
	6680	GE	RIT	6680/12AU7-A	
	6680	TS	RIT	6680/12AU7-A	
	6680/12AU7-A	RCA	RIT	6680/12AU7-A	
	6680/12AU7-A	HY	RIT	6680/12AU7-A	
	6681	GE	RIT	6681/12AX7	
	6681	TS	RIT	6681/12AX7	
	6681/12AX7	RCA	RIT	6681/12AX7	
F	6681/12AX7	HY	RIT	6681/12AX7	
	6687	ROG	RIT		
	6688	A	RIT		
	6689	ROG	RIT		
	6691	F	VPT		
	6694-A	RCA	PC	6694-A	
	6786	A	T		
	6788	S	RIT		
	6800	F	VPT		
	6806	RCA	VPT	6806	
GL	6810	RCA	P	6810-A	
	6810-A	RCA	P	6810-A	
	6814	RCA	VPT	6814	
	6814	S	VPT	6814	
	6816	RCA	VPT	6816	
	6829	GE	RIT		
	6832	RK	RIT		
	6849	RCA	CM	6849	
	6850	GE	CM	6850	
	6853	RCA	VPT		
CK	6861	RCA	TW	6861	
	6865-A	RCA	M	6865-A	
	6866	RCA	ST	6866	
	6872	RK	RIT		
	6883	RCA	VPT	6883	

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced						Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class				
WL	6883	WL	VPT	6883			
	6884	RCA	VPT	6884			
	6887	RCA	RIT	6887			
	6893	RCA	VPT	6893			
	6894	RCA	R	6894			
	6895	RCA	R	6895			
	6896/1855	RCA	G	6896/1855			
	6903	RCA	P	6903			
	6914	RCA	IC	6914			
	6914-A	RCA	IC	6914-A			
	6922	A	RIT				
	6929	RCA	IC	6929			
	6939	A	VPT				
	6943	S	RIT				
	6949	RCA	VPT	6949			
	6952	RCA	VPT	6952			
	6953	RCA	P	6953			
	6957	RCA	PC	6957			
	6973	RCA	RT	6973			
	7008	RCA	M	7008			
	7025	RCA	RT	7025			
	7025	GE	RT	7025			
	7027	RCA	RT	7027			
	7029	RCA	P	7029			
	F	7030	F	VPT			
		7034/4X150A	RCA	VPT	7034/4X150A		
		7035/4X150D	RCA	VPT	7035/4X150D		
		7036	GE	RIT		5915	
		7038	RCA	CM	7038		
		7043	RCA	P	7043		
		7044	RCA	RIT	7044		
		7044	S	RIT	7044		
		7046	RCA	P	7046		
		7054	RCA	RIT	7054		
		7054	S	RIT	7054		
7055		RCA	RIT	7055			
7056		RCA	RIT	7056			
7056		S	RIT	7056			
7057		RCA	RIT	7057			
7058	RCA	RIT	7058				
7059	RCA	RIT	7059				
7059	S	RIT	7059				
7060	RCA	RIT	7060				
7061	RCA	RIT	7061				
7062	ROG	RIT		5965			
7077	GE	RIT		6111			
7079	RK	RIT					
7086	RCA	T	7086				
7092	A	VPT					
7094	RCA	VPT	7094				
7102	RCA	P	7102				
7105	TS	RIT		6080			
7110	RCA	M	7110				
7111	RCA	M	7111				
7112	RCA	M	7112				
7117	RCA	P	7117				
7136	A	R		575-A			
7163	RCA	PC	7163				
7183	RCA	ST	7183				
7185	F	VPT					
7198	RCA	CM	7198				
WL	7198	WL	CM	7198			

Type To Be Replaced						Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class				
	7199	RCA	RT	7199			
	7200	RCA	P	7200			
	7203/4CX250B	RCA	VPT	7203/4CX250B			
	7204/4X250F	RCA	VPT	7204/4X250F			
	7212	RCA	VPT	7212			
	7213	RCA	VPT	7213			
	7223	RCA	PJ	7223			
	7224	RCA	PJ	7224			
	7236	TS	VPT				
	7241	TS	VPT				
	7242	TS	VPT				
	7244	S	RIT		6101		
	7244-A	S	RIT		6101		
	7245	S	RIT		6J4-WA		
	7245-A	S	RIT		6J4-WA		
	7262	RCA	CM	7262			
	7263	RCA	CM	7263			
	7264	RCA	P	7264			
	7265	RCA	P	7265			
	7270	RCA	VPT	7270			
	7271	RCA	VPT	7270			
	7315	RCA	ST	7315			
	7318	HY	RIT		5814-A		
	7326	RCA	P	7326			
	7357	RCA	VPT	7357			
	7358	RCA	VPT	7358			
	7360	RCA	RIT	7360			
	7404	RCA	IC	7404			
	7412	RCA	PC	7412			
	7448	RCA	ST	7448			
	7457	RCA	VPT	7457			
	7467	RCA	PJ	7467			
	7513	RCA	CM	7513			
	7536	RCA	PC	7536			
	7551	RCA	VPT	7551			
	7552	RCA	VPT	7552			
	7554	RCA	VPT	7554			
	7558	RCA	VPT	7558			
	8000	RCA	VPT	8000			
	8000	GE	VPT	8000			
GL	8000	ML	VPT	8000			
	8000	ML	VPT	8000			
	8000	T	VPT	8000			
WL	8000	WL	VPT	8000			
DR	8003	GES	VPT				
WL	8003	WL	VPT				
	8005	RCA	VPT	8005			
	8005	A	VPT	8005			
GL	8005	GE	VPT	8005			
	8005	ML	VPT	8005			
	8005	NU	VPT	8005			
	8005	S	VPT	8005			
WL	8005	WL	VPT	8005			
	8008	RCA	R	8008			
	8008	A	R	8008			
	8008	CH	R	8008			
EE	8008	EE	R	8008			
GL	8008	GE	R	8008			
DR	8008	GES	R	8008			
	8008	HY	R	8008			
ML	8008	ML	R	8008			
	8008	S	R	8008			
UE	8008	UE	R	8008			
WL	8008	WL	R	8008			

Type To Be Replaced						Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class				
	8012	RCA	VPT				
GL	8012	GE	VPT				
	8013-A	RCA	R		8013-A		
CE	8013-A	CE	R		8013-A		
GL	8013-A	GE	R		8013-A		
	8014-A	RCA	VPT				
GL	8016	GE	VPT		1B3-CT/8016	5786	
	8020	RCA	R		8020		
	8020	A	R		8020		
EE	8020	EE	R		8020		
	8020	GES	R		8020		
DR	8020	NU	R		8020		
	8020	WL	R		8020		
WL	8020/100R	EM	R		8020		
	8025-A	RCA	VPT		8025-A		
GL	8025-A	GE	VPT		8025-A		
ML	8025-A	ML	VPT		8025-A		
WL	8025-A	WL	VPT		8025-A		
	9001	RCA	RIT		9001		
	9001	GE	RIT		9001		
	9001	HY	RIT		9001		
	9001	RK	RIT		9001		
	9001	S	RIT		9001		
	9001	TS	RIT		9001		
	9002	RCA	RIT		9002		
	9002	GE	RIT		9002		
GL	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT		9002		
	9002	HY	RIT		9002		
	9002	NU	RIT		9002		
	9002	RK	RIT		9002		
	9002	S	RIT		9002		
	9002	TS	RIT		9002		
	9002	GE	RIT				

RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
EL	E180CC	NAP	RIT	C3J/5632 C1K/6014 C1K/6014	5965
	E182CC	NAP	RIT		7044
	C1B	EL	R		3C23
	C1B/A	EL	R		3C23
	C1J	EL	T		3C23
	C1J/A	EL	T		
	C3J	EL	T		
	C1K	EL	T		
	C1K/6014	RCA	T		
EL	C3J/5632	RCA	T	C3J/5632	
	C3J/A	EL	T	C3J-A/ 5684	
EL	C3J-A/ 5684	RCA	T	C3J-A/ 5684	
	C6A	EL		C6J/ 5C21	
C6J	EL				
EL	C6J/ 5C21	RCA	T	C6J/ 5C21	
	C6J/A	EL	T	C6J-A/ 5685	
EL	C6J-A/ 5685	RCA	T	C6J-A/ 5685	
	C16J	EL	T	C16J/ 5665	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
	C16J/ 5665	RCA	T	C16J/ 5665	
	TGRA	IH	R	575-A 872-A 892 833-A 889-A	
	TGRB	IH	R		
	TVTA	IH	VPT		
	TVTB	IH	VPT		
	TVTC	IH	VPT		
WT	T-100	WT	RT		6X4
WT	T-102	WT	RT		5Y3-GT
WT	T-103	WT	RT		6H6
WT	T-104	WT	T		575-A
WT	T-105	WT	VPT		892
WT	T-106	WT	T	5559 5560 676 0Z4 117N7-GT	
WT	T-107	WT	T		
WT	T-108	WT	T		
WT	T-109	WT	T		
WT	T-110	WT	T		
WT	T-111	WT	T		
WT	T-112	WT	T		
WT	T-113	WT	T		
WT	T-114	WT	G		
WT	T-115	WT	RT		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
WT	T-117	WT	T	5557 105 172 6SJ7 6V6 7K7 6N7-GT 50B5 833-A 6K8 6J5-GT 6G6-G 6C6 0A4-G 5U4-G 2AP1-A 3AP1-A 172 8005 8005 1616	
WT	T-118	WT	T		
WT	T-119	WT	T		
WT	T-122	WT	RT		
WT	T-123	WT	RT		
WT	T-124	WT	RT		
WT	T-125	WT	RT		
WT	T-126	WT	RT		
WT	T-127	WT	VPT		
WT	T-128	WT	RT		
WT	T-129	WT	RT		
WT	T-130	WT	RT		
WT	T-131	WT	RT		
WT	T-132	WT	G		
WT	T-133	WT	T		
WT	T-134	WT	T		
WT	T-135	WT	RT		
WT	T-136	WT	CR		
WT	T-137	WT	CR		
WT	T-139	WT	T		
WT	T-149	WT	T		
	V-70-D	UE	VPT		
	V-70-D	NU	VPT		
UE	X-22	UE	R		

For a list of Industrial-Type Receiving Tubes and their Prototypes, see page 23.

* RCA types shown in this column are direct replacements for corresponding types to be replaced.

† RCA types shown in this column are not directly interchangeable with the types to be replaced because of differences in mechanical and/or electrical characteristics, physical structure, or types of tests to which they are subjected. For more information as to degree of interchangeability, refer to respective tube data.

KEY TO SYMBOLS IN COLUMN 3

A = Amperex Electronic Corp.	GES = General Electronics Co.	R = Rauland Corporation
BEN = Bendix Aviation Corp.	GS = General Scientific Corp.	RK = Raytheon Manufacturing Co.
BO = Bomac Laboratories, Inc.	HK = Heinz and Kaufman	ROG = Rogers Electronic Tubes
CH = Chatham Electronics Division	HY = CBS-Hytron	S = Sylvania Electric Products, Inc.
CE = Continental Electric Co. (Cetron)	IH = Induction Heating Corp.	STC = Standard Telephone and Cables
D = A. B. Dumont Laboratories, Inc.	KU = Kuthe Laboratories	T = Taylor Tubes, Inc.
EE = Electronic Enterprises, Inc.	ML = Machlett Laboratories, Inc.	TS = Tung-Sol Electric, Inc.
EM = Eitel-McCullough, Inc. (Eimac)	NAP = Philips Electron Tube Division	UE = United Electronics Co.
EL = Electrons, Inc.	NL = National Electronics, Inc.	WE = Western Electric Co.
F = Federal Telephone and Radio Co.	NU = National Union Electric Corp.	WL = Westinghouse Electric Corp.
GE = General Electric Co.	PL = Penta Laboratories, Inc.	WT = Weltronic Co.

KEY TO SYMBOLS IN COLUMN 4

CM = Camera Tube or Monoscope	IC = Image-Converter Tube	RT = Receiving Tube
CR = Cathode-Ray Tube	M = Magnetron	RIT = Receiving-Type Industrial Tube
G = Glow Tube	P = Phototube	ST = Storage Tube
GA = Gauge Tube	PC = Photoconductive Cell	T = Thyatron
K = Klystron	PJ = Photojunction Cell	TW = Traveling-Wave Tube
I = Ignitron	R = Rectifier	VPT = Vacuum Power Tube

Notes

Industrial Receiving-Type Tubes and Their Prototypes

Tube Type [▲]	Proto-type	Tube Type [▲]	Proto-type	Tube Type [▲]	Proto-type	Tube Type [▲]	Proto-type
396-A	2C51	5750	6BE6	6074	0B2	6336-A	6AS7-G
401-A	6AG5	5751	12AX7	6074/0B2	0B2	6384	6AR6
403-A	6AK5	5751-WA	12AX7	6080	6AS7-G	6385	2C51
403-B	6AK5			6080-WA	6AS7-G	6386	2C51
421-A	6AS7-G	5814	12AU7	6080-WB	6AS7-G		
		5814-A	12AU7			6394-A	6AS7-G
423-A	5651	5814-WA	12AU7	6082	6AS7-G	6414	6AU7
481-B	1Y2	5824	25B6-G	6082-A	6AS7-G	6485	6AH6
1603	6C6	5838	6X5	6084	6SJ7	6486	6AS6
1609	6J7			6085	6SN7-GT		
1612	6L7	5842	417-A	6087	5Y3-GT	6520	6AS7-G
		5844	6J6			6528	6AS7-G
1613	6F6	5852	6X6	6094	6AQ5-A	6626/0A2-WA	0A2
1614	6L6	5871	6V6-GT	6095	6AQ5-A	6627/0B2-WA	0B2
1620	6J7	5881	6L6-G	6096	6AK5		
1621	6F6			6097	6AL5	6660	6BA6
1622	6L6	5915	6BE6	6098	6AR6	6661	6BH6
		5915-A	6BE6			6662	6BJ6
1625	807	5920	6J6	6098/6AR6-WA	6AR6	6663	6AL5
1629	6E5	5930	2A3	6099	6J6	6669	6AQ5-A
1631	6L6	5931	5U4-G	6100	6C4	6677	6CL6
1632	25L6-GT			6100/6C4-WA	6C4	6678	6U8-A
1633	6SN7-GT	5932	6L6-G	6101	6J6	6679	12AT7
		5933	807				
1634	12SC7	5963	12AU7	6101/6J6-WA	6J6	6680	12AU7
1635	6N7-GT	5964	6J6	6106	5Y3-GT	6681	12AX7
5590	401-A	5992	6V6	6130	3C45	6687	6BE6
5591	403-B			6130/3C45	3C45	6829	5955
5598	421-A	5993	6X4	6132	6CH6		
		6005	6AQ5-A			6851	12AX7
5654	6AK5	6005/6AQ5-W	6AQ5-A	6134	6AC7	6887	6AL5
5654/6AK5-W	6AK5	6005/		6135	6C4	6888	7AK7
5654/		6AQ5-W/6095	6AQ5-A	6136	6AU6	6919	6AL5
6AK5-W/6096	6AK5	6006	6SG7	6137	6SK7		
5670	2C51			6145	7AD7	6922	6DT8
5679	7A6	6028	6AK5			6954	6DT6
		6042	6SN7-GT	6180	6SN7-GT	7000	6J7
5691	6SL7-GT	6046	25L6-GT	6185	2C51	7036	6BE6
5692	6SN7-GT	6057	12AX7	6186	6AG5		
5693	6SJ7	6058	6AL5	6186/6AG5-WA	6AG5	7054	12BY7-A
5725	6AS6			6187	6AS6	7055	6AL5
5725/		6059	6J7			7056	6CB6
6AS6-W/6187	6AS6	6060	12AT7	6188/6SU7-WGT	6SU7-GT	7057	6BF7
		6061	6V6-GT	6189/12AU7-WA	12AU7	7058	12AX7
5726	6AL5	6062	5763	6197	6CL6	7059	6U8-A
5726/6AL5-W	6AL5	6063	6X4	6201	12AT7	7060	6AU8
5726/				6202	6X4	7061	12AB5
6AL5-W/6097	6AL5	6066	6AT6				
5727	2D21	6067	12AU7	6211	6J6	7105	6AS7-G
5727/2D21-W	2D21	6072	12AY7	6265	6BH6	7258	6AN8
		6073	0A2		6AS7-G	7700	6C6
5749	6BA6	6073/0A2	0A2	6336		8016	1B3-GT
5749/6BA6-W	6BA6						

[▲]These types may differ from their prototypes in electrical and/or mechanical characteristics, physical structure, or types of tests to which they are subjected. Tube data should, therefore, be checked before replacing a type in the prototype column with its corresponding type.

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ELECTRON TUBES—

- **RCA TUBE HANDBOOK—HB-3** (7 $\frac{3}{8}$ " x 5 $\frac{1}{4}$ "). Five deluxe 2-inch-capacity black binders imprinted in gold. The bible of the industry—contains over 4200 pages of loose-leaf data and curves on RCA receiving tubes; picture tubes; oscillograph tubes; special-purpose kinescopes; photosensitive devices including phototubes, photoconductive cells, photojunction cells, and camera tubes; storage tubes; gas tubes; and other miscellaneous types for special applications. Available on subscription basis. Price \$17.50 including service for first year. Also available with HB-10 Semiconductor Products Handbook at special combination price of \$20.00.* Write to Commercial Engineering for descriptive folder and order form.
- **RCA RECEIVING TUBE MANUAL—RC-19** (8 $\frac{1}{4}$ " x 5 $\frac{3}{4}$ ")—384 pages. Revised and expanded. Contains technical data on more than 625 receiving types. Features tube theory written for the layman, application information and a circuit section. Features lie-flat binding. Price 75 cents.*
- **RADIOTRON DESIGNER'S HANDBOOK—4th Edition** (8 $\frac{3}{4}$ " x 5 $\frac{1}{2}$ ")—1500 pages. Comprehensive reference thoroughly covering the design of radio and audio circuits and equipment. Written for the design engineer, student, and experimenter. Contains 1000 illustrations, 2500 references, and cross-referenced index of 7000 entries. Edited by F. Langford-Smith of Amalgamated Wireless Valve Company Pty. Ltd. in Australia. Price \$7.00.*
- **RCA TRANSMITTING TUBES—TT-4** (8 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ ")—256 pages. Contains basic information on generic tube types, on tube parts and materials, and on tube insulation and application. Includes technical data and curves for power tubes having plate-input ratings up to 4 kilowatts, and data for associated rectifier tubes. Contains sections on transmitter-design considerations, rectifier circuits and filters, and circuit diagrams for transmitting and industrial applications. Features lie-flat binding. Price \$1.00.*
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- **RCA PREFERRED TYPES LIST—PTL-501G** (10 $\frac{7}{8}$ " x 8 $\frac{3}{8}$ ")—8 pages. Lists RCA Preferred Tube Types both receiving and non-receiving by function. An aid in the selection of tube types for new equipment design. Single copy free on request.
- **RCA INTERCHANGEABILITY DIRECTORY OF INDUSTRIAL-TYPE ELECTRON TUBES—ID-1020B** (10 $\frac{7}{8}$ " x 8 $\frac{3}{8}$ ")—24 pages. Lists more than 2700 type designations of 33 different manufacturers; shows the RCA Direct Replacement Type or the RCA Similar Type, when available. Price 25 cents.*
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● **RCA HIGH-FIDELITY AMPLIFIER CIRCUITS BOOKLET—HF-110** (8 $\frac{3}{8}$ " x 10 $\frac{7}{8}$ ")—28 pages. Includes circuit diagrams with parts lists, design considerations and performance requirements, and characteristics chart of RCA high-fidelity tube types. For hobbyists, technicians, and others interested in construction of their own high-fidelity amplifier systems. Price 35 cents.*

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● **TV SERVICING—TVS-1030** (10 $\frac{7}{8}$ " x 8 $\frac{3}{8}$ ")—48 pages. Contains articles on TV trouble shooting, TV tuner alignment, and TV circuit analysis by RCA's expert in the field of TV servicing and test equipment—John R. Meagher. Price 35 cents.*

● **TV SERVICING, SUPPLEMENT 1—TVS-1031** (10 $\frac{7}{8}$ " x 8 $\frac{3}{8}$ ")—12-page booklet by John R. Meagher on solving trouble-shooting problems in those hard-to-service TV receivers known to service technicians as "tough" or "dogs". Price 15 cents.*

● **PRACTICAL COLOR TELEVISION—Revised Edition** (11" x 8 $\frac{1}{2}$ ")—84 pages. Black-and-white and color illustrations. Comprehensive information on color principles, color signal, color camera, and color picture tubes. Covers commercial receiver circuit using the RCA-15GP22 color picture tube, as well as installation and service of color receivers. Provides detailed description of color-test equipment. Price \$2.00.*

● **PRACTICAL COLOR TELEVISION, SUPPLEMENT 1.**—(11" x 8 $\frac{1}{2}$ ")—36 pages. Describes theory, operation and servicing of large-screen color TV receiver using RCA-21AXP22. Has 55 black-and-white and color illustrations, wave-forms, and explanations of color circuits and adjustments. Price 75 cents.*

TRANSISTORS AND SILICON RECTIFIERS—

● **RCA SEMICONDUCTOR PRODUCTS HANDBOOK—HB-10** (7 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ "). Deluxe 2 $\frac{7}{8}$ -inch capacity red binder imprinted in gold. Contains over 400 pages of loose-leaf data and curves on semiconductor devices such as germanium transistors, silicon transistors, and silicon rectifiers. Available on subscription basis. Price \$5.00* including service for one year. Also available with HB-3 Tube-Handbook at special combination price of \$20.00.* Write to Commercial Engineering for descriptive folder and order form.

● **RCA SEMICONDUCTOR PRODUCTS—SCD-108B** (10 $\frac{7}{8}$ " x 8 $\frac{3}{8}$ ")—40 pages. Contains technical data on RCA transistors and silicon rectifiers. Includes an interchangeability directory which lists over 1100 types of 29 different manufacturers, and a section on circuits containing 37 schematics illustrating some of the more important applications of these devices. Price 30 cents.*

*Prices shown apply in U.S.A. and are subject to change without notice.

Copies of the publications listed above may be obtained as follows:

ELECTRON TUBES
From your RCA Tube Distributor
or
From RCA, Commercial Engineering,
Electron Tube Division,
Harrison, New Jersey

TRANSISTORS, SILICON RECTIFIERS
From your RCA Transistor Distributor
or
From RCA, Commercial Engineering,
Semiconductor and Materials Division,
Somerville, New Jersey

ELECTRONIC SUPPLY CORPORATION
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