

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		
	GL	0D3	S	G		0D3
		0D3	TS	G		0D3
0D3/VR150		GE	G	0D3		
0D3/VR150		RK	G	0D3		
0D3/VR150		WL	G	0D3		
CE	0D3W	TS	G			0D3
	1A/B	HY	P			918
	1A/B	CE	P			918
	1C	HY	P			918
	1C21	RCA	G			918
CE	1C21	HY	G	1C21		
	1D	CE	P	868		
	1DP1	NU	CR	1EP1		
	1EP1	RCA	CR	1EP1		
	1EP1	NU	CR	1EP1		
GL	1EP2	RCA	CR	1EP2		
	1EP11	RCA	CR	1EP11		
	1L4	RCA	RIT	1L4		
	1L4	GE	RIT	1L4		
	1L4	HY	RIT	1L4		
GL	1L4	RK	RIT	1L4		
	1L4	S	RIT	1L4		
	1L4	TS	RIT	1L4		
	1P21	RCA	P	1P21		
	1P21	GE	P	1P21		
GL	1P21	TS	P	1P21		
	1P21	WL	P	1P21		
	1P22	RCA	P	1P22		
	1P23	GE	P	868		
	1P23	RCA	P	1P28		
WL	1P29	RCA	P	1P29		
	1P29	WL	P	1P29		
	1P29/FJ-401	GE	P	1P29		
	1P32	CE	P	927		
	1P32	HY	P	927		
GL	1P37	RCA	P	1P37		
	1P37	GE	P	1P37		
	1P37	CE	P	1P37		
	1P37	HY	P	1P37		
	1P39	RCA	P	1P39		
CE	1P39	CE	P	1P39		
	1P39	GE	P	1P39		
	1P39	HY	P	1P39		
	1P40	S	P	1P39		
	1P40	RCA	P	1P40		
GL	1P40	CE	P	1P40		
	1P40	GE	P	1P40		
	1P40	HY	P	1P40		
	1P41	RCA	P	1P41		
	1P41	CE	P	1P41		
CE	1P41	HY	P	1P41		
	1P42	RCA	P	1P42		
	1V-A/B	CE	P		917, 919	
	1V-A/B	HY	P		917, 919	
	2-1500	EM	R		8020	
CE	2A/B	HY	P		6953	
	2API	RCA	CR	2API-A		

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		
	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			1P40, 930
GL	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-B	EM	VPT	2C39-A		
	2C39-B	HY	VPT	2C39-A		
	2C39-WA	GE	VPT	2C39-WA		
	2C39-WA	RCA	VPT	2C39-WA		
	2C39-WA	JEM	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-A	HY	VPT	2C40		
GL	2C40	S	VPT	2C40	2C40	
	2C42	GE	VPT			
	2C43	RCA	VPT	2C43		
	2C43	GE	VPT	2C43		
	2C43	HY	VPT	2C43		
GL	2C43	S	VPT	2C43		
	2C50	RK	VPT			
	2C51	WE	VPT	5670		
	2C51	HY	VPT	5670		
	2C52	RK	VPT			
CE	2D	CE	P			6SL7-GT 1P40, 930
	2D21	RCA	T	2D21		
	2D21	A	T	2D21		
	2D21	CH	T	2D21		
	2D21	GE	T	2D21		
GL	2D21	HY	T	2D21		
	2D21	NU	T	2D21		
	2D21	S	T	2D21		
	2D21	WL	T	2D21		
	2D21-W	RCA	T	2D21-W		
WL	2D21-W	CH	T	2D21-W		
	2D21-W	GE	T	2D21-W		
	2D21-W	RCA	VPT	2E24		
	2E24	RCA	VPT	2E24		

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

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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	2F21	5618
GL	2E30	HY	VPT		
GL	2F21	RCA	CM	2K26	809
GL	2H21	GE	VPT		
GL	2K26	RCA	K	2X2-A	811-A
CE	2K26	RK	K		
GL	2K26	WE	K	2X2-A	8005
GL	2V	CE	P		
GL	2X2/879	RCA	R	2X2-A	810
GL	2X2/879	GE	R		
GL	2X2/879	S	R	2X2-A	806
GL	2X2/879	TS	R		
GL	2X2-A	RCA	R	2X2-A	833-A
GL	2X2-A	GE	R		
GL	2X2-A	HY	R	2X2-A	8000
GL	2X2-A	NU	R		
GL	2X2-A	RK	R	2X2-A	810
GL	2X2-A	S	R		
GL	2X2-A	TS	R	2X2-A	834
GL	2X2-A	EM	VPT		
GL	3-25A3	EM	VPT	3A4	8005
GL	3-50A4	EM	VPT		
GL	3-50G2	EM	VPT	3A4	810
GL	3-75A3	EM	VPT		
GL	3-100A	EM	VPT	3A4	833-A
GL	3-250A4	EM	VPT		
GL	3-450A4	EM	VPT	3A4	8000
GL	3-1000A2	EM	VPT		
GL	3-1000A4	EM	VPT	3A4	810
GL	3A4	RCA	VPT		
GL	3A4	HY	VPT	3A4	833-A
GL	3A4	NU	VPT		
GL	3A4	RK	VPT	3A4	8000
GL	3A4	S	VPT		
GL	3A4	TS	VPT	3A4	810
GL	3A5	RCA	VPT		
GL	3A5	HY	VPT	3A5	833-A
GL	3A5	RK	VPT		
GL	3A5	S	VPT	3A5	8000
GL	3A5	TS	VPT		
GL	3AP1	RCA	CR	3AP1-A	810
GL	3AP1	D	CR		
GL	3AP1	S	CR	3AP1-A	833-A
GL	3AP1-A	RCA	CR		
GL	3AP1-A	D	CR	3AP1-A	8000
GL	3AP1-A	GE	CR		
GL	3AP1-A	S	CR	3AP1-A	810
GL	3AP1-A	RCA	CR		
GL	3BP1	RCA	CR	3BP1-A	833-A
GL	3BP1	D	CR		
GL	3BP1	S	CR	3BP1-A	8000
GL	3BP1	RCA	CR		
GL	3BP1-A	GE	CR	3BP1-A	810
GL	3BP1-A	HY	CR		
GL	3BP1-A	S	CR	3BP1-A	833-A
GL	3BP1-A	RCA	R		
GL	3B25	RCA	R	3B25	8000
GL	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	EL	R	3C23	838
	3C/4B24	GES	R		
	3C21	A	VPT		
	3C22	GE	VPT		
	3C23	RCA	T		
GL	3C23	CE	T	3C23	1623
	3C23	CH	T		
	3C23	GE	T		
	3C23	HY	T		
	3C23	NL	T		
GL	3C23	UE	T	3C33	2C39-A
	3C23	WL	T		
	3C24	EM	VPT		
	3C33	RCA	VPT		
	3C45	RCA	T		
GL	3C45	BO	T	6130/3C45	2C39-A
	3C45	KU	T		
	3C45	EM	VPT		
	3C45	RCA	T		
	3C45	NU	T		
GL	3CX100A5	EM	VPT	3D22-A	2C39-A
	3D22	RCA	T		
	3D22	NU	T		
	3D22-A	RCA	T		
	3E22	RCA	VPT		
GL	3E29	RCA	VPT	3E29	836
	3E29	HY	VPT		
	3E29	NU	VPT		
	3E29	S	VPT		
	3E29	RCA	CR		
GL	3JP1	D	CR	3JP1	836
	3JP1	S	CR		
	3JP1	S	CR		
	3JP1	TS	CR		
	3JP1	TS	CR		
GL	3JP7	RCA	CR	3JP7	836
	3JP7	D	CR		
	3JP7	S	CR		
	3JP7	S	CR		
	3JP7	TS	CR		
GL	3KP1	GE	CR	3KP1	836
	3KP1	RCA	CR		
	3KP1	RK	CR		
	3KP1	RCA	CR		
	3KP1	RCA	CR		
GL	3KP4	RCA	CR	3KP4	836
	3KP4	RK	CR		
	3KP4	RCA	CR		
	3KP4	RCA	CR		
	3KP4	RCA	CR		
GL	3KP7	RCA	CR	3KP7	836
	3KP7	D	CR		
	3KP7	S	CR		
	3KP7	S	CR		
	3KP7	TS	CR		
GL	3KP11	RCA	CR	3KP11	836
	3KP11	D	CR		
	3KP11	S	CR		
	3KP11	S	CR		
	3KP11	TS	CR		
GL	3KP16	RCA	CR	3KP16	836
	3RP1	RCA	CR		
	3RP1	S	CR		
	3RP1-A	RCA	CR		
	3RP1-A	D	CR		
GL	3RP4	RCA	CR	3WP1	836
	3RP4	S	CR		
	3WP1	RCA	CR		
	3WP2	RCA	CR		
	3WP11	RCA	CR		
GL	3X100A5	EM	VPT	2C39-A	836
	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	4-65A	5762/7C24
	3X2500A3	F	VPT		
	4-65A	RCA	VPT		
	4-65A	EM	VPT		
	4-125A	EM	VPT		
ML	4-125A	ML	VPT	4-125A/4D21	5762/7C24
	4-125A	RCA	VPT		
	4-125A/4D21	A	VPT		
	4-125A/4D21	GE	VPT		
	4-125A/4D21	GE	VPT		
AX	4-125A/4D21	A	VPT	6155/4-125A	930, 1P40
	4-125A/4D21	GE	VPT		
	4-125A/4D21	RCA	VPT		
	4-125A/4D21	EM	VPT		
	4-125A/4D21	EM	VPT		
GL	4-250A	RCA	VPT	4-250A/5D22	872-A
	4-250A	EM	VPT		
	4-250A	ML	VPT		
	4-250A	RCA	VPT		
	4-250A/5D22	A	VPT		
AX	4-250A/5D22	A	VPT	4-250A/5D22	8005
	4-250A/5D22	GE	VPT		
	4-250A/5D22	GE	VPT		
	4-250A/5D22	WL	VPT		
	4-250A/5D22	WL	VPT		
WL	4-250A/5D22	WL	VPT	4-250A/5D22	808
	4-250A/5D22	A	VPT		
	4-250A/5D22	EM	VPT		
	4-250A/5D22	EM	VPT		
	4-250A/5D22	RCA	VPT		
GL	4-400A	EM	VPT	4-1000A	872-A
	4-750A	EM	VPT		
	4-1000A	RCA	VPT		
	4-1000A	EM	VPT		
	4-1000A	GE	VPT		
GL	4-1000A	WL	VPT	4-1000A	8005
	4-1000A	HY	P		
	4(A-D)	CE	P		
	4(A-D)	UE	R		
	4B32	A	R		
GL	4B32	UE	R	4C33	808
	4C21	GE	VPT		
	4C22	A	VPT		
	4C25	HK	VPT		
	4C33	RCA	VPT		
GL	4CX250B	RCA	VPT	4CX250B	808
	4CX250B	A	VPT		
	4CX250B	EM	VPT		
	4CX300A	A	VPT		
	4CX300A	EM	VPT		
PL	4CX1000A	EM	VPT	4-125A/4D21	872-A
	4CX5000A	EM	VPT		
	4D21	RK	VPT		
	4D21	PL	VPT		
	4D21	UE	VPT		
GL	4D21/4-125A	GE	VPT	4-125A/4D21	8005
	4D21/4-125A	WL	VPT		
	4D21/4-125A	WL	VPT		
	4D21/4-125A	WL	VPT		
	4D21/4-125A	WL	VPT		

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Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†	
Mfr. Prefix	Basic Designation	Mfr.	Tube Class			
PL	4D21-A	PL	VPT	4E27/ 8001	4-125A/ 4D21	
	4D23	RK	VPT			4-125A/ 4D21
	4E27/ 8001	RCA	VPT			
	4E27A/ 5-125B	RCA	VPT			
	4E27A/ 5-125B	EM	VPT			
	4X100A	EM	VPT			
	4X150A	RCA	VPT			
	4X150A	A	VPT			
	4X150A	EM	VPT			
	4X150A	GE	VPT			
GL	4X150A	HY	VPT	4X150A	4X150A	
	4X150A	S	VPT			
WL	4X150A	WL	VPT	4X150A	4X150A	
	4X150D	RCA	VPT			
	4X150D	EM	VPT			
	4X150D	HY	VPT			
	4X150G	EM	VPT			
	4X250F	RCA	VPT			
	4X250F	EM	VPT			
	4X500A	RCA	VPT			
	4X500A	EM	VPT			
	4X500A	WL	VPT			
WL CE CE	5	HY	P	927 927	927 927	
	5(A-D)	CE	P			
	5-125B	RCA	VPT	4E278/001 5ABP1	4X150A	
	5ABP1	RCA	CR			
	5ABP1	RK	CR			
	5ABP4	RCA	CR			
	5ABP7	RCA	CR			
	5ABP7	RK	CR			
	5ABP11	RCA	CR			
	5ABP11	RK	CR			

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

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	5C22	BO	T	5CP1 5CP1 5CP1 5CP1-A 5CP1-A	8000
	5C22	S	T		
	5C22-A	S	T		
	5C24	GE	VPT		
	5CP1	RCA	CR		
	5CP1	D	CR		
	5CP1	TS	CR		
	5CP1-A	RCA	CR		
	5CP1-A	D	CR		
	GL	5CP1-A	GE		
5CP1-A		S	CR		
5CP1-A		TS	CR		
5CP7		RCA	CR		
5CP7-A		RCA	CR		
5CP7-A		D	CR		
5CP7-A		GE	CR		
5CP7-A		S	CR		
5CP7-A		TS	CR		
5CP11-A		RCA	CR		
PL	5CP11-A	D	CR	5CP11-A 5CP11-A 5CP12 5CP12 5CP12 5D22	5CP11-A 5CP11-A 5CP12 5CP12 5CP12 4-250A/ 5D22
	5CP11-A	S	CR		
	5CP12	RCA	CR		
	5CP12	S	CR		
	5CP12	TS	CR		
	5D22	UE	VPT		
	5D22	PL	VPT		
	5D22	WL	VPT		
	5D22/ RK-65	RK	VPT		
	5D24	F	VPT		
WL	5FP4-A	RCA	CR	5FP4-A 5FP4-A 5FP7-A 5FP7-A 5FP7-A	4-250A/ 5D22
	5FP4-A	HY	CR		
	5FP7-A	RCA	CR		
	5FP7-A	GE	CR		
	5FP7-A	RK	CR		
	5FP7-A	WL	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 = Sylvia 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	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	GE	CR	5FP15-A	
	5HP1-A	D	CR	5FP15-A	
	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	
	6L	WT	RT	6L	
	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	6AK6	
	6AQ5-W	GE	RIT	6AQ5-W	
	6AQ5-W	S	RIT	6AQ5-W	
	6AR6	WE	RT	6AS6	
	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†		
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	6AU6-WA			
	6BA6-W	RCA	RIT	5749/ 6BA6-W			
	EL	6C	EL	R		6C	5786
		6C24	RCA	VPT		6C24	
ML		6C24	ML	VPT	6C24	5786 4X500A	
		6D22	RK	VPT	6D22		
		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	6J6-A		
		6J6-WA	RCA	RIT	6J6-WA		
	6L4	RK	RIT	6L4			
	6L4	RCA	VPT	6L4			
GL	6L4	S	VPT	6L4	5693		
	6Q5-G	D	T	6Q5-G			
	6SJ7-Y	RCA	RIT	6SJ7-Y			
	6SJ7-Y	GE	RIT	6SJ7-Y			
	6SJ7-Y	S	RIT	6SJ7-Y			
	6SK7-W	RCA	RIT	6SK7-W			
	6SK7-WA	GE	RIT	6SK7-WA			
	6SL7-WGT	S	RIT	6SL7-WGT			
	6SN7-GTY	RCA	RIT	6SN7-GTY			
	6X5-WGT	S	RIT	6X5-WGT			
	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	7C23	5762/ 7C24		
	7C24	RCA	VPT	7C24			
	ML	7C24	ML	VPT		7C24	5762/ 7C24
		7C25	F	VPT		7C25	
		7C26	F	VPT		7C26	
		7C27	F	VPT		7C27	
		7C30	F	VPT		7C30	
		7CP1	RCA	CR		7CP1	
		7CP1	S	CR		7CP1	

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
GL	7CP4	RCA	CR	7CP4	800
	7CP4	HY	CR	7CP4	
	7CP4	RK	CR	7CP4	
	7CP4	S	CR	7CP4	
	7D21	GE	VPT	7D21	
	7D29	GE	VPT	7D29	
	7JP1	S	CR	7VP1	
	7JP7	S	CR	7VP1	
	7MP7	RCA	CR	7MP7	
	7MP7	RK	CR	7MP7	
	7MP14	RCA	CR	7MP7	
	7NP4	RCA	CR	7NP4	
	7NP4	HY	CR	7NP4	
	7QP4	RCA	CR	7QP4	
	7QP4	HY	CR	7QP4	
7TP4	RCA	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	5556	
	8D21	RCA	VPT	8D21	
	8D21	GE	VPT	8D21	
	8HP4	RCA	CR	8HP4	
	9	GS	P	868	
	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	9C23	
	9C24	GE	VPT	9C24	
	9C25	RCA	VPT	9C25	
	9C25	ML	VPT	9C25	
	9C29	F	VPT	9C29	
	9C30	F	VPT	9C30	
	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	917	
	11V-C	CE	P	917	
	11V-C	HY	P	917	
	11V-D	CE	P	917	
	12	UE	VPT	806	
	12	RK	VPT	809	
	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.

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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		
	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		1P41
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		809
	31V-A/B	CE	P		919
	31V-A/B	HY	P		919
	31V(C-D)	CE	P	919	
	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
	35TC	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	P		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		
	75TH	EM	VPT		8005
	75TL	EM	VPT		3C23
FG	81A	GE	T		
WL	81A	WL	T		
GL	83	RCA	R	83	
	83	HY	R	83	
	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		
	100R	EM	R	8020	
	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		808
HK	154	HK	VPT		806
T	155	T	VPT		
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		8000
HF	201	A	VPT		810
HF	201A	A	VPT		
CE	202	CE	R		8005
	203-A	RCA	VPT		8005
	203-A	A	VPT		8005
GL	203-A	GE	VPT		8005
	203-A	NU	VPT		
	203-A	T	VPT		8005
	203-A	T	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		6H6
WT	210-0006	WT	RT		
WT	210-0007	WT	RT		866-A
WT	210-0008	WT	R		84/6Z4
WT	210-0009	WT	RT		
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
	211B	A	VPT		8005
T	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.

* 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 WT WT	242C 245 246 248A	GE WT WT WE	VPT T T VPT	884 2050	8005
	249A 249B 249B 249C	WE WE T WE	R R R R		866-A 866-A 866-A 866-A
WE HF	250 250R 250T 250TH 250TH	A EM EM GES A	VPT VPT VPT VPT VPT		8000 806 810 810 810
DR	250TL	EM	VPT		806
HK	252	HK	R		217-C
HK	253	EM	R		217-C
HK	254	HK	VPT		810
	254B 255 255A 255B 255B	WE A WE A WE	VPT T R R R		865 869-B 869-B 869-B
AX	255	A	T		
HF	255A	WE	R		869-B
	255B	A	R		869-B
	255B	WE	R		869-B
HK	257(B)	HK	VPT	4E27/ 8001	
FG	258A	GE	I	5553-B	
HF	258B	A	R		866-A
HF	258B	WE	R		866-A
	258B 260A	T WE	R VPT		866-A 860
WT	261	WT	RT	6H6	
WT	262	WT	R	866-A	
WT	263	WT	R	84/6Z4	
F	266B	F	R		857-B
	266B	WE	R		857-B
GL	266B	GE	R		857-B
	266C	WE	R		857-B
HF	267B	A	R		872-A

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

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
WE	304B	WE	VPT		834
	304TH	EM	VPT		
CE	305	CE	T		3C23
CE	306	CE	T		676
F	307A	F	VPT	207	
	307A	WE	VPT		807
WT	308	WT	RT	6X5-GT	
CE	309	CE	T	5557	
	310	UE	VPT		801-A
WE	310A	WE	VPT		6C6
	310B	WE	VPT		1620
UE	311	UE	VPT		8005
CE	311	CE	T	3C23	
UE	311CH	UE	VPT		8000
	312A	WE	VPT		828
	313C	WE	G		1C21
F	315A	F	R		673
	315A	WE	R		673
	315A	A	R		673
ML	315A	ML	R		673
UE	317C	UE	R	217-C	
F	318A	F	R		
ML	319A	ML	R		872-A
F	319A	F	R		872-A
	319A	WE	R		872-A
F	320B	F	VPT		
	321A	WE	R		673
HF	321A	A	R		673
ML	321A	ML	R		673
	322A	WE	VPT	803	
UE	323B	UE	T		3C23
	323B	NE	T		3C23
NL	323B	CH	T		3C23
	327A	WE	VPT		810
	327B	WE	VPT		810
	328A	WE	RT		6C6
	331A	WE	VPT	805	

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

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† 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

Table with 6 columns: Type To Be Replaced (Mfr. Prefix, Basic Designation, Mfr., Tube Class), Replace by RCA Type*, and Similar RCA Type†. Rows include tube types like 332A, 339A, 341A, etc.

Table with 6 columns: Type To Be Replaced (Mfr. Prefix, Basic Designation, Mfr., Tube Class), Replace by RCA Type*, and Similar RCA Type†. Rows include tube types like 421A, 423A, 427, etc.

Table with 6 columns: Type To Be Replaced (Mfr. Prefix, Basic Designation, Mfr., Tube Class), Replace by RCA Type*, and Similar RCA Type†. Rows include tube types like 630A, 631, 632A, etc.

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	
	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	
	809	GE	VPT	809	
GL	809	GES	VPT	809	
DR	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	
	812-A	RCA	VPT	812-A	
GL	812-A	GE	VPT	812-A	
	812-A	NU	VPT	812-A	
	812	S	VPT	812-A	
WL	812	WL	VPT	812-A	
	812-A	RCA	VPT	812-A	
GL	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	813	
	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/	RK	VPT	814	
	815	RCA	VPT	815	
	815	GE	VPT	815	
GL	815	GES	VPT	815	
DR	815	HY	VPT	815	
	815	NU	VPT	815	

8005

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	826	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	
GL	829-B	A	VPT	829-B	
DR	829-B	GE	VPT	829-B	
	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	
	830-B	RCA	VPT	832-A	
	832	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	
	833-A	T	VPT	833-A	
UE	833-A	UE	VPT	833-A	
WL	833-A	WL	VPT	833-A	
	834	RCA	VPT	834	
	834	A	VPT	834	
DR	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	R	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		
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		
	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		
	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	
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	
	866-A	RCA	R	866-A	
HF	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	
	866-A	RK	R	866-A	
	866-A	S	R	866-A	
	866-A	T	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				
	866-A/	HY	R	866-A	
	866				
	866-AX	A	R		866-A
	866-JR	T	R		816
	866-JR	NU	R		
	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	
	869-B	F	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				
F	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	
GL	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	
GL	891	GE	VPT	891	
DR	891	GES	VPT	891	
	891	ML	VPT	891	
	891	S	VPT	891	
UE	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	
	891-R	UE	VPT	891-R	
UE	891-R	WL	VPT	891-R	
WL	891-R	RCA	VPT	891-R	
F	892	A	VPT	892	
	892	F	VPT	892	
GL	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	
GL	892-R	GE	VPT	892-R	
	892-R	GES	VPT	892-R	
	892-R	ML	VPT	892-R	
ML	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	
GL	893-A	GE	VPT	893-A	
ML	893-A	ML	VPT	893-A	
UE	893-A	S	VPT	893-A	
	893-A	UE	VPT	893-A	
	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	
	895	GE	VPT		
GL	895	ML	VPT		
ML	895	ML	VPT		
WL	895	WL	VPT		
GL	895-R	A	VPT		
	895-R	A	VPT		
	895-R	GE	VPT		
ML	895-R	ML	VPT		
WL	895-R	WL	VPT		
F	898-A	RCA	VPT	898-A	
	898-A	A	VPT	898-A	
	898-A	F	VPT	898-A	
UE	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	3API-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	922	RCA	P	922	
	922	GE	P	922	
	922	HY	P	922	
GL	922	S	P	922	
	922	WL	P	922	
WL	923	RCA	P	923	
	923	GE	P	923	
	923	HY	P	923	
GL	923	WL	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.

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† 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
GL	1266	S	G		5823
GL	1267	S	RT		2A3
GL	1280	S	RT		14C7
GL	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	
DR	1616	GES	R	1616	
DR	1616	HY	R	1616	
DR	1616	NU	R	1616	
DR	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	
GL	1626	HY	VPT	1626	
GL	1626	S	VPT	1626	
GL	1626	TS	VPT	1626	
GL	1629	RCA	RIT	1629	
GL	1629	GE	RIT	1629	
GL	1629	S	RIT	1629	
GL	1629	TS	RIT	1629	
GL	1631	RCA	VPT	1631	
GL	1632	RCA	VPT	1632	
GL	1633	GE	VPT	1632	
GL	1635	RCA	VPT	1635	
GL	1640	RCA	P	6405/ 1640	
GL	1654	RCA	R		IX2-A
GL	1699	RCA	CM	1699	
GL	1701	A	T	5557	
GL	1702	A	T		5563-A
GL	1754	KU	T		
GL	1802-P1	RCA	CR	5BP1-A	
GL	1811-P1	RCA	CR	7CP1	
GL	1816-P4	RCA	CR		10FP4-A
GL	1816-P4A	RCA	CR		10FP4-A
GL	1818-P1	RCA	CR	1818-P1	
GL	1818-P11	RCA	CR	1818-P11	
GL	1818-P27	RCA	CR	1818-P27	
GL	1849	RCA	CM	1850-A	
GL	1850-A	RCA	CM	1850-A	
GL	1850-A	RCA	CM	1850-A	
GL	1852	GE	CM	1850-A	
GL	1852	RCA	RT	6AC7	
GL	1853	RCA	RT	6AB7	
GL	1854	RCA	CM	6474	
GL	1855	RCA	CM	6896/ 1855	
GL	1899	RCA	CM		2F21
GL	1907	KU	T		
GL	1907	S	T		
GL	1946	RCA	GA	1946	
GL	1947	RCA	GA	1947	
GL	1949	RCA	GA	1949	
GL	1950	RCA	GA	1950	
GL	2020	RCA	P	2020	
GL	2022	RCA	P	2022	
GL	2029	RCA	VPT	2029	
GL	2050	RCA	T	2050	
GL	2050	A	T	2050	
GL	2050	CH	T	2050	
GL	2050	GE	T	2050	
GL	2050	HY	T	2050	
GL	2050	NU	T	2050	
GL	2050	RK	T	2050	
GL	2050	S	T	2050	
GL	2050	WL	T	2050	
GL	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

1						2						3						
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			
GL	2051	A	T	2050 2050		GL	5553-A	RCA	I	5553-B 5553-B 5553-B 5553-B		WL	5581	WL	P	5581 5582 5583 5583		
	2051	CH	T				5553-A	GE	I				5581	RCA	P			
	2051	GE	T				5553-B	RCA	I				5582	RCA	P			
	2051	NU	T				5553-B	A	I				5583	HY	P			
	2051	RK	T				5553-B	GE	I				5584	RCA	P			
	2051	S	T				5553-B	S	I				5588	RCA	VPT			
	2039	RCA	VPT				5553-B/655	5553-B/655	WL				I	5588	GE			VPT
	2525A5	D	CR				5553-B/655	5553-B/655	WL				I	5588	ML			VPT
	3000	A	VPT				5553-B/655	5553-B/655	WL				I	5590/401B	WE			RIT
	3200	A	VPT				5554/679	5554/679	WL				I	5591/403B	WE			RIT
	4009	RCA	TW				5554/679	5554/679	GL				I	5592	RCA			VPT
	4010	RCA	TW				FG-259B	5555	RCA				I	5592	ML			VPT
	4011	RCA	TW				5555	5555	GE				I	5593	GE			R
4011A	RCA	TW	5555	5555	S	I	5604	A	VPT									
5303	F	VPT	5555	5555	A	I	5604-A	F	VPT									
5331	A	VPT	5555/653-B	5555	WL	I	5604-A	ML	VPT									
5332	A	VPT	5555/653B	5555	GL	I	5604-A	WL	VPT									
5514	HY	VPT	5555/FC-238B	5555	GE	I	5604-A	RCA	VPT									
5516	HY	VPT	5556	5556	RCA	VPT	5606	ML	VPT									
5517/CK-1013	RK	R	5556	5556	GE	VPT	5606	F	VPT									
5527	RCA	CM	5556/PJ-8	5556	GE	VPT	5618	RCA	VPT									
5528	CE	T	5557	5557	RCA	T	5619	A	VPT									
5530	ML	VPT	5557	5557	CE	T	5619	F	VPT									
5541	ML	VPT	5557	5557	S	T	5632	F	VPT									
5544	GE	T	5557/17	5557	WL	T	5632/C3J	GE	T									
5545	GE	T	5557/715	5557	NL	T	5636	RCA	RIT									
5550	RCA	I	5557/FG-17	5557	GE	T	5636	GE	RIT									
5550	A	I	5557/FG-17	5557	NL	T	5636	S	RIT									
5550	NL	I	5557/FG-17	5557	GE	T	5636	TS	RIT									
5550/681	GE	I	5558	5558	A	T	5636-A	RCA	RIT									
5550/681	A	I	5558	5558	RCA	R	5636-A	S	RIT									
5550/681/686	S	I	5558	5558	GE	R	5639	TS	RIT									
5551	RCA	I	5558/32	5558	WL	R	5639	RCA	RIT									
5551	NL	I	5558/32	5558	GL	R	5639	CK	RIT									
5551/652	A	I	5559	5559	FG-32	RCA	T	5639	CK	RIT								
5551/652	WL	I	5559	5559	5559	RCA	T	5639	S	RIT								
5551/FG-271	GE	I	5559	5559	5559	A	T	5642	TS	RIT								
5551-A	RCA	I	5559/57	5559	5559	GE	T	5642	RCA	R								
5551-A	A	I	5559/57	5559	5559	S	T	5642	GE	R								
5551-A	GE	I	5559/FG-57	5559	5559	WL	T	5642	HK	R								
5551-A/652	S	I	5560	5560	5559	WL	T	5642	HK	R								
5551-A/652	WL	I	5560	5560	5559	GL	T	5642	HK	R								
5552	RCA	I	5560/FG-95	5560	5559	GL	T	5642	HK	R								
5552	A	I	5560/FG-95	5560	5559	GL	T	5642	HK	R								
5552	GE	I	5560/FG-95	5560	5559	GL	T	5642	HK	R								
5552/651	A	I	5561	5561	5559	GL	T	5642	HK	R								
5552/651	S	I	5561	5561	5559	WL	R	5642	HK	R								
5552/651	WL	I	5561/104	5561	5559	GL	T	5642	HK	R								
5552/FG-235A	GE	I	5561/104	5561	5559	GL	T	5642	HK	R								
5552-A	RCA	I	5561/FG-104	5561	5559	GL	T	5642	HK	R								
5553	RCA	I	5561/FG-104	5561	5559	GL	T	5642	HK	R								
5553/655	A	I	5561/FG-104	5561	5559	GL	T	5642	HK	R								
5553/655	GE	I	5563	5563	5559	GL	T	5642	HK	R								
5553/655	WL	I	5563	5563	5559	GL	T	5642	HK	R								
5553/FG-258A	GE	I	5563-A	5563	5559	GL	T	5642	HK	R								
			5563-A	5563	5559	GL	T	5642	HK	R								
			5581	5581	5559	GL	T	5642	HK	R								
			5581	5581	5559	GL	T	5642	HK	R								
			5581	5581	5559	GL	T	5642	HK	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.

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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	RCA	RIT	5654/6AK5-W	
	5654/6AK5-W/6096	GE	RIT	5654/6AK5-W/6096	
	5654/6AK5-W/6096	HY	RIT	5654/6AK5-W/6096	
GL	5654/6AK5-W/6096	S	RIT	5654/6AK5-W/6096	
	5654/6AK5-W/6096	TS	RIT	5654/6AK5-W/6096	
	5654/6AK5-W/6096	A	VPT	5654/6AK5-W/6096	880
	5658	F	VPT	5658	880
	5658	ML	VPT	5658	880
	5659	GE	RIT	5659	12A6
	5660	GE	RIT	5660	12C8
	5661	GE	RIT	5661	12SK7
	5662	GE	T	5662	5696
	5663	GE	T	5663	3C23
WL	5664	WL	T	5664	3C23
	5664	EL	T	5664	3C23
	5665	EL	T	5665	
	5665	WL	T	5665	
	5665/C16J	GE	T	5665/C16J	
	5666	A	VPT	5666	889-A
	5666	F	VPT	5666	889-A
	5666	ML	VPT	5666	889-A
	5667	A	VPT	5667	889R-A
	5667	F	VPT	5667	889R-A
ML	5667	ML	VPT	5667	889R-A
	5668	A	VPT	5668	892
	5668	F	VPT	5668	892
	5668	ML	VPT	5668	892
	5669	A	VPT	5669	892-R
	5669	F	VPT	5669	892-R
	5669	ML	VPT	5669	892-R
	5670	RCA	RIT	5670	
	5670	BEN	RIT	5670	
	5670	GE	RIT	5670	
CK	5670	HY	RIT	5670	
	5670	RK	RIT	5670	
	5670	S	RIT	5670	
	5670	TS	RIT	5670	
	5670-WA	RCA	RIT	5670-WA	
	5670-WA	GE	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	
	5675	HY	VPT	5675	
	5675	S	VPT	5675	
	5679	S	VPT	5679	
	5683	EL	T	5683	
WL	5685	WL	T	5685	
	5685/C6J	A	T	5685/C6J	
	5685/C6J	CE	T	5685/C6J	
	5685/C6J-A	EL	T	5685/C6J-A	
	5686	RCA	RIT	5686	
	5686	GE	RIT	5686	
	5686	HY	RIT	5686	
	5686	RK	RIT	5686	
	5686	S	RIT	5686	
	5686	TS	RIT	5686	
GL	5687	RCA	RIT	5687	
	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	
WL	5691	S	RIT	5691	
	5691	TS	RIT	5691	
	5691	WL	RIT	5691	
	5692	RCA	RIT	5692	
	5692	GE	RIT	5692	
	5692	HY	RIT	5692	
	5692	S	RIT	5692	
	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	
	5693	WL	RIT	5693	
	5695	EE	R	5695	
	5696	RCA	T	5696	
	5696	GE	T	5696	
	5696	HY	T	5696	
	5702-WA	RK	RIT	5702-WA	
	5704-WA	RK	RIT	5704-WA	
GL	5713	RCA	VPT	5713	
	5718	RCA	RIT	5718	
	5718	GE	RIT	5718	
	5718	HY	RIT	5718	
	5718	S	RIT	5718	
	5718-A	S	RIT	5718-A	
	5718-A	GE	RIT	5718-A	
	5718-A	HY	RIT	5718-A	
	5718-A	S	RIT	5718-A	
	5719	RCA	RIT	5719	
GL	5719	GE	RIT	5719	
	5719	HY	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-A	
	5719-A	GE	RIT	5719-A	
	5719-A	S	RIT	5719-A	
	5725	RCA	RIT	5725	
	5725	GE	RIT	5725	
	5725	RK	RIT	5725	
	5725	TS	RIT	5725	
	5725	S	RIT	5725	
	5725/6AS6-W/6187	TS	RIT	5725/6AS6-W/6187	
GL	5725/6AS6-W/6187	TS	RIT	5725/6AS6-W/6187	
	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	
	5726/6AL5-W	GE	RIT	5726/6AL5-W	
	5726/6AL5-W	S	RIT	5726/6AL5-W	
GL	5726/6AL5-W	RCA	RIT	5726/6AL5-W	
	5726/6AL5-W/6097	GE	RIT	5726/6AL5-W/6097	
	5726/6AL5-W/6097	GE	RIT	5726/6AL5-W/6097	
	5727	RCA	T	5727	
	5727	A	T	5727	
	5727	GE	T	5727	
	5727	HY	T	5727	
	5727	S	T	5727	
	5727	NAP	T	5727	
	5727/2D21-W	RCA	T	5727/2D21-W	
GL	5727/2D21-W	GE	T	5727/2D21-W	
	5727/2D21-W	S	T	5727/2D21-W	
	5727/2D21-W	TS	T	5727/2D21-W	
	5734	RCA	VPT	5734	
	5736	A	VPT	5736	
	5736	WL	VPT	5736	
	5741	GE	R	5741	
	5743	GE	VPT	5743	
	5744-WB	RK	RIT	5744-WB	
	5749	RCA	RIT	5749	
GL	5749	GE	RIT	5749	
	5749	HY	RIT	5749	
	5749	RK	RIT	5749	
	5749	S	RIT	5749	
	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	

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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 CK	5749/ 6BA6-W	S	RIT	5749/ 6BA6-W	
	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		
GL	5763	RCA	VPT	5763	
	5763	GE	VPT		
	5763	HY	VPT		
CK	5763	RK	VPT	5763	
	5763	S	VPT		
GL	5764	S	VPT	5764	
	5765	S	VPT		
GL	5767	S	VPT	5767	
	5768	S	VPT		
GL	5770	RCA	VPT	5770	
	5771	RCA	VPT		
GL	5771	A	VPT	5771	
	5771	A	VPT		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Designation	Mfr.	Tube Class		
F	5771	F	VPT	5771	
	5771	ML	VPT		
GL	5786	RCA	VPT	5786	5555
	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	S	RIT		
	5814-A	RCA	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		
WL	5822	WL	I	5822-A	
	5822-A	RCA	I		
WL	5822-A	GE	I	5822-A	
	5822-A	WL	I		
ML	5823	RCA	G	5823	25B6-G
	5823	HY	G		
	5823	S	G		
	5824	GE	RIT		
	5825	RCA	R		
	5834	ML	VPT		
GL	5839	BEN	R	5840	
	5840	RCA	RIT		
GL	5840	GE	RIT	5840	
	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-A	GE	RIT		
GL	5840-A	S	RIT	5840	5810
	5844	GE	VPT		
	5851	NU	RIT		
	5851	NU	RIT		
GL	5852	BEN	VPT	5852	5852
	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
	5879	TS	RT		
	5881	RCA	RT		
	5881	GE	RT		
	5881	HY	RT		
	5881	S	RT		
	5881	TS	RT		
	5890	WL	VPT		
	5891	RCA	VPT		
	5893	RCA	VPT		
ML	5894	A	VPT	5894	5894
	5894	A	VPT		
	5894	A	VPT		
	5894	A	VPT		
	5894	A	VPT		
	5894	A	VPT		
GL	5896	ML	VPT	5896	5896
	5896	RCA	RIT		
	5896	GE	RIT		
	5896	S	RIT		
GL	5896-A	RCA	RIT	5896-A	5896-A
	5897	S	RIT		
	5898	S	RIT		
	5899	RCA	RIT		
	5899	GE	RIT		
	5899	GE	RIT		

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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. |
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| 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		
GL	5899	S	RIT	5899	
	5899-A	RCA	RIT		
	5899-A	GE	RIT		
	5899-A	S	RIT		
	5902	RCA	RIT		
GL	5902	GE	RIT	5902	
	5902	HY	RIT		
	5902	RK	RIT		
CK	5902	S	RIT	5902	
	5902	S	RIT		
	5915	RCA	RIT		
GL	5915	GE	RIT	5915	
	5915	HY	RIT		
	5915	S	RIT		
	5915-A	GE	RIT		
	5915-A	HY	RIT		
F	5915-A	S	RIT	5915	
	5917	F	VPT		
	5917	F	VPT		
AX	5923/9904	A	VPT	2A3	5U4-GB
	5930	S	VPT		
	5931	S	VPT		
	5932	S	VPT		
	5933	S	VPT		
WL	5933-WA	S	VPT	807	579-B
	5934	WL	R		
	5936	WL	VPT		
	5946	RCA	VPT		
	5948/1754	KU	T		
GL	5948/1754	GE	T	5946	9C21
	5949/1907	KU	T		
	5960	BEN	RIT		
	5963	RCA	RIT		
	5963	GE	RIT		
GL	5963	HY	RIT	5963	
	5963	S	RIT		
	5964	RCA	RIT		
	5965	RCA	RIT		
	5965	GE	RIT		
GL	5965	HY	RIT	5965	2K26
	5965	S	RIT		
	5976	RK	K		
	5992	BEN	RIT		
	5993	BEN	RIT		
GL	5998/421A	WE	RIT	6005	
	6005	RCA	RIT		
	6005	GE	RIT		
	6005	HY	RIT		
	6005	S	RIT		
GL	6005	TS	RIT	6005	
	6005/6AQ5-W	RCA	RIT		
	6005/6AQ5-W	GE	RIT		
	6005/6AQ5-W	HY	RIT		
	6005/6AQ5-W	HY	RIT		
	6005/6AQ5-W	RCA	RIT		
	6005/6AQ5-W/6095	RCA	RIT		
	6005/6AQ5-W/6095	GE	RIT		
	6005/6AQ5-W/6095	TS	RIT		
	6005/6AQ5-W/6095	RCA	RIT		
	6005/6AQ5-W/6095	GE	RIT		
	6005/6AQ5-W/6095	HY	RIT		
	6005/6AQ5-W/6095	RCA	RIT		
	6005/6AQ5-W/6095	HY	RIT		
	6005/6AQ5-W/6095	S	RIT		

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	HY	T		
GL	6014	RCA	T	6012	
	6014	HY	T		
	6014	RCA	T		
GL	6014/CIK	GE	T	6012	
	6014	CIK/	T		
GL	6021	RCA	RIT	6021	
	6021	GE	RIT		
CK	6021	RK	RIT	6021	
	6026	RCA	VPT		
	6028	WE	RIT		
	6028/408A	WE	RIT		
	6032	RCA	IC		
GL	6032-A	RCA	IC	6032, 6032-A	
	6044	CE	T		
	6046	GE	RIT		
	6057	STC	RIT		
	6058	STC	RIT		
CK	6060	STC	RIT	6072	
	6062	STC	VPT		
	6067	STC	RIT		
	6072	RCA	RIT		
	6072	GE	RIT		
	6072	HY	RIT		
	6073	RCA	G		
	6073	HY	G		
	6073	RK	G		
	6073/0A2	RCA	G		
	6074	TS	G		
	6074/0B2	RCA	G		
	6076	A	VPT		
	6080	RCA	RIT		
	6080	GE	RIT		
GL	6080	HY	RIT	6080	
	6080-WA	RCA	RIT		
	6080-WA	CH	RIT		
	6080-WA	TS	RIT		
	6082	RCA	RIT		
GL	6082	TS	RIT	6082	
	6082-A	BEN	RIT		
	6084	NAP	RIT		
	6085	NAP	RIT		
	6087	GE	R		
GL	6094	BEN	RIT	6094	
	6094	GE	R		
	6094	HY	RIT		
	6094	RCA	RIT		
	6094	HY	RIT		
GL	6096	GE	RIT	5654/6A5-W/6096	
	6097	GE	RIT		
	6099	RCA	RIT		
	6099	HY	RIT		
	6099	S	RIT		
GL	6100/6C4-WA	GE	RIT	6101	
	6101	RCA	RIT		
	6101	HY	RIT		
	6101/6J6-WA	RCA	RIT		
	6101/6J6-WA	HY	RIT		

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	5690
	6106	BEN	R		
	6111	RCA	RIT		
	6111	GE	RIT		
	6111	HY	RIT		
CK	6111	RK	RIT	6111	
	6111	S	RIT		
	6112	RCA	RIT		
GL	6112	GE	RIT	6112	
	6112	HY	RIT		
	6112	HY	RIT		
CK	6112	RK	RIT	6112	
	6112	S	RIT		
	6130	BO	T		
GL	6130	GE	T	6130/3C45	
	6130	KU	T		
GL	6130/3C45	RCA	T	6130/3C45	
	6134	GE	RIT		
	6135	GE	RIT		
	6136	RCA	RIT		
	6136	GE	RIT		
GL	6136	HY	RIT	6136	
	6136	TS	RIT		
	6137	GE	RIT		
	6140/423A	WE	G		
	6146	RCA	VPT		
RK	6146	GE	VPT	6146	
	6146	HY	VPT		
	6146	RK	VPT		
	6146	S	VPT		
	6146	S	VPT		
WL	6146	WL	VPT	6146	
	6155	A	VPT		
	6155/4-125A	RCA	VPT		
	6156	A	VPT		
	6156/4-250A	RCA	VPT		
WL	6159	RCA	VPT	6159	
	6159	S	VPT		
	6159	WL	VPT		
	6161	RCA	VPT		
	6161	GE	VPT		
GL	6161	HY	VPT	6161	
	6166	RCA	VPT		
	6173	RCA	VPT		
	6180	STC	R		
	6181	RCA	VPT		
GL	6181	GE	VPT	6181	5690
	6186/6AG5-WA	RCA	RIT		
	6189/12A7-WA	RCA	RIT		
	6189/12A7-WA	GE	RIT		
	6189/12A7-WA	S	RIT		
GL	6189/12A7-WA	TS	RIT	6189/12A7-WA	
	6189/12A7-WA	TS	RIT		
	6197	RCA	VPT		

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RCA INTERCHANGEABILITY DIRECTORY

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Design- nation	Mfr.	Tube Class		
GL	6197	HY	VPT	6197	
	6198	RCA	CM	6198	
	6198	GE	CM	6198	
WL	6198-A	RCA	CM		7038
	6198-A	WL	CM		7038
	6199	RCA	P	6199	
GL	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	
	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	
	6264	S	VPT	6264-A	
GL	6264-A	RCA	VPT	6264-A	
	6265	GE	RIT		
	6267	ROG	RIT		5879
	6278	CE	T		
	6291	D	P		6199
	6292	D	P		5819, 2020
	6293	RCA	VPT	6293	
GL	6326	RCA	CM	6326	
	6326	GE	CM	6326	
	6326-A	RCA	CM		7038
	6328	RCA	P	6328	
	6333	A	VPT		892
	6336	CH	RIT		6080
	6337	CH			6080-WA
	6342	RCA	P	6342, 6342-A, 6342-A	
GL	6342-A	RCA	P	6342-A	
	6346	GE	I		5551-A
GL	6347	GE	I		5552-A
GL	6348	GE	I		5553-B
	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		6199
F	6366	F	VPT		
F	6367	F	VPT		
	6372	RCA	P		
F	6379	F	VPT		
	6383	RCA	VPT	6383	
	6384	BEN	RIT		
	6385	BEN	RIT		5670
	6394	CH	RIT		6082
	6399	F	VPT		
	6400	F	VPT		

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Design- nation	Mfr.	Tube Class		
	6405/1640	RCA	P	6405/1640	
	6414	RCA	RIT		5965
	6417	GE	VPT	6417	
	6417	HY	VPT	6417	
	6445	A	VPT		892-R
	6446	A	VPT		892
	6447	A	VPT		892-R
	6448	RCA	VPT	6448	
	6467	D	P		6199
	6472	RCA	P	6472	
	6474	RCA	CM	6474	
	6474/1854	RCA	CM	6474	
CK	6485	RK	RIT		
	6486	BEN	RIT		5725
	6486A	BEN	RIT		5725
	6499	RCA	ST	6499	
GL	6509	GE	I		5555
GL	6514	GE	I		5555
	6520	CH	RIT		6AS7-G
	6521	RCA	M	6521	
	6524	RCA	VPT	6524	
	6528	TS	RIT		6080
CK	6533	RK	RIT		
	6550	TS	RIT		7027-A
	6562	RCA	VPT	6562	
	6570	RCA	P	6570	
	6571	RCA	ST	6571	
ML	6576	ML	VPT		5770
	6582-A	BEN	RIT		
	6626	HY	G	6626/ 0A2-WA	
	6626/	RCA	G	6626/ 0A2-WA	
	0A2-WA	CH	G	6626/ 0A2-WA	
	6626/	HY	G	6626/ 0A2-WA	
	0A2-WA	RCA	P	6655-A	
	6655	RCA	P	6655-A	
	6655-A	RCA	P	6655-A	
GL	6660	GE	RIT	6660/ 6BA6	
	6660	HY	RIT	6660/ 6BA6	
	6660/	RCA	RIT	6660/ 6BA6	
	6BA6	GE	RIT	6661/ 6BH6	
	6661	HY	RIT	6661/ 6BH6	
	6661	TS	RIT	6661/ 6BH6	
	6661/	RCA	RIT	6661/ 6BH6	
	6BH6	GE	RIT	6662/ 6BJ6	
	6662	HY	RIT	6662/ 6BJ6	
	6662	TS	RIT	6662/ 6BJ6	
	6662/	RCA	RIT	6662/ 6BJ6	
	6BJ6	GE	RIT	6663/ 6AL5	
	6663	RCA	RIT	6663/ 6AL5	
	6663/	HY	RIT	6663/ 6AL5	
	6AL5				

Type To Be Replaced				Replace by RCA Type*	Similar RCA Type†
Mfr. Prefix	Basic Design- nation	Mfr.	Tube Class		
	6669	GE	RIT	6669/ 6AQ5-A	
	6669	HY	RIT	6669/ 6AQ5-A	
	6669/	RCA	RIT	6669/ 6AQ5-A	
	6AQ5-A	GE	RIT	6677/ 6CL6	
	6677	HY	RIT	6677/ 6CL6	
	6677/	RCA	RIT	6677/ 6CL6	
	6CL6	GE	RIT	6678/ 6U8-A	
	6678	HY	RIT	6678/ 6U8-A	
	6678	RCA	RIT	6678/ 6U8-A	
	6678/	GE	RIT	6679/ 12AT7	
	6U8-A	HY	RIT	6679/ 12AT7	
	6679	TS	RIT	6679/ 12AT7	
	6679/	RCA	RIT	6679/ 12AT7	
	12AT7	GE	RIT	6680/ 12AU7-A	
	6680	TS	RIT	6680/ 12AU7-A	
	6680/	RCA	RIT	6680/ 12AU7-A	
	12AU7-A	HY	RIT	6680/ 12AU7-A	
	6680/	GE	RIT	6681/ 12AX7	
	12AU7-A	TS	RIT	6681/ 12AX7	
	6681	RCA	RIT	6681/ 12AX7	
	6681/	HY	RIT	6681/ 12AX7	
	12AX7				
	6687	ROG	RIT		5915
	6688	A	RIT		
	6689	ROG	RIT		
F	6691	F	VPT		
	6694-A	RCA	PC	6694-A	
	6786	A	T		
	6788	S	RIT		
	6800	F	VPT		
	6806	RCA	VPT	6806	
	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		5965
CK	6832	RK	RIT		
	6849	RCA	CM	6849	
GL	6849	GE	CM	6849	
	6850	RCA	VPT	6850	
	6853	BEN	R		5690
	6861	RCA	TW	6861	
	6865-A	RCA	M	6865-A	
	6866	RCA	ST	6866	
CK	6872	RK	RIT		
	6883	RCA	VPT	6883	

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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		
EL	E180CC	NAP	RIT	C3J/5632 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/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	
WT	TGRA	IH	R	6X4 5Y3-GT 6H6 575-A 892	575-A
	TGRB	IH	R		872-A
	TVTA	IH	VPT		892
	TVTB	IH	VPT		833-A
	TVTC	IH	VPT		889-A
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		
UE	V-70-D	UE	VPT		
UE	V-70-D	UE	VPT		
UE	X-22	UE	R		

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Notes

Industrial Receiving-Type Tubes and Their Prototypes

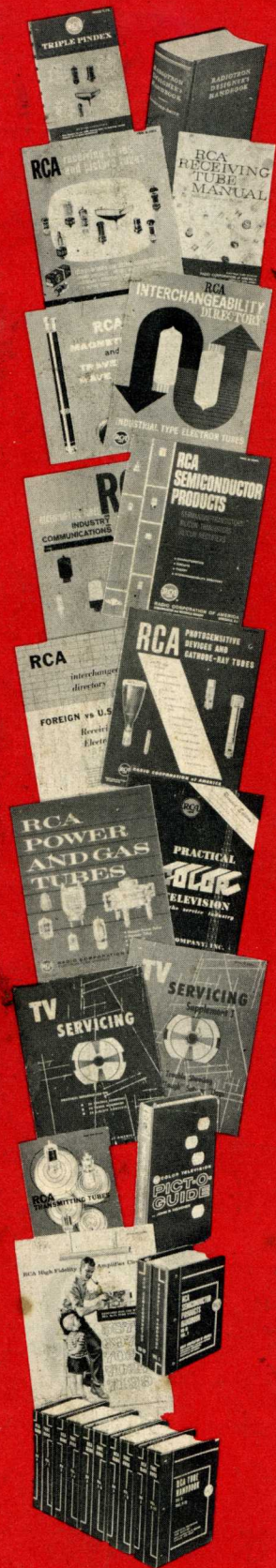
Tube Type [▲]	Proto-type	Tube Type [▲]	Proto-type	Tube Type [▲]	Proto-type	Tube Type [▲]	Proto-type
396-A	2C51	5750	6BE6	6074	0B2	6336-A	6AS7-G
401-A	6AG5	5751	12AX7	6074/0B2	0B2	6384	6AR6
403-A	6AK5	5751-WA	12AX7	6080	6AS7-G	6385	2C51
403-B	6AK5			6080-WA	6AS7-G	6386	2C51
421-A	6AS7-G	5814	12AU7	6080-WB	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		
1631	6L6	5931	5U4-G	6100	6C4	6669	6AQ5-A
1632	25L6-GT			6100/6C4-WA	6C4	6677	6CL6
1633	6SN7-GT	5932	6L6-G	6101	6J6	6678	6U8-A
		5933	807			6679	12AT7
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	5965
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			7000	6J7
5691	6SL7-GT	6046	25L6-GT	6180	6SN7-GT	7036	6BE6
5692	6SN7-GT	6057	12AX7	6185	2C51		
5693	6SJ7	6058	6AL5	6186	6AG5	7054	12BY7-A
5725	6AS6			6186/6AG5-WA	6AG5	7055	6AL5
5725/		6059	6J7	6187	6AS6	7056	6CB6
6AS6-W/6187	6AS6	6060	12AT7			7057	6BF7
		6061	6V6-GT	6188/6SU7-WGT	6SU7-GT		
5726	6AL5	6062	5763	6189/12AU7-WA	12AU7	7058	12AX7
5726/6AL5-W	6AL5	6063	6X4			7059	6U8-A
5726/				6197	6CL6	7060	6AU8
6AL5-W/6097	6AL5			6201	12AT7	7061	12AB5
5727	2D21	6066	6AT6	6202	6X4		
5727/2D21-W	2D21	6067	12AU7			7105	6AS7-G
		6072	12AY7	6211	6J6	7258	6AN8
5749	6BA6	6073	0A2	6265	6BH6	7700	6C6
5749/6BA6-W	6BA6	6073/0A2	0A2	6336	6AS7-G	8016	1B3-GT

[▲]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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