

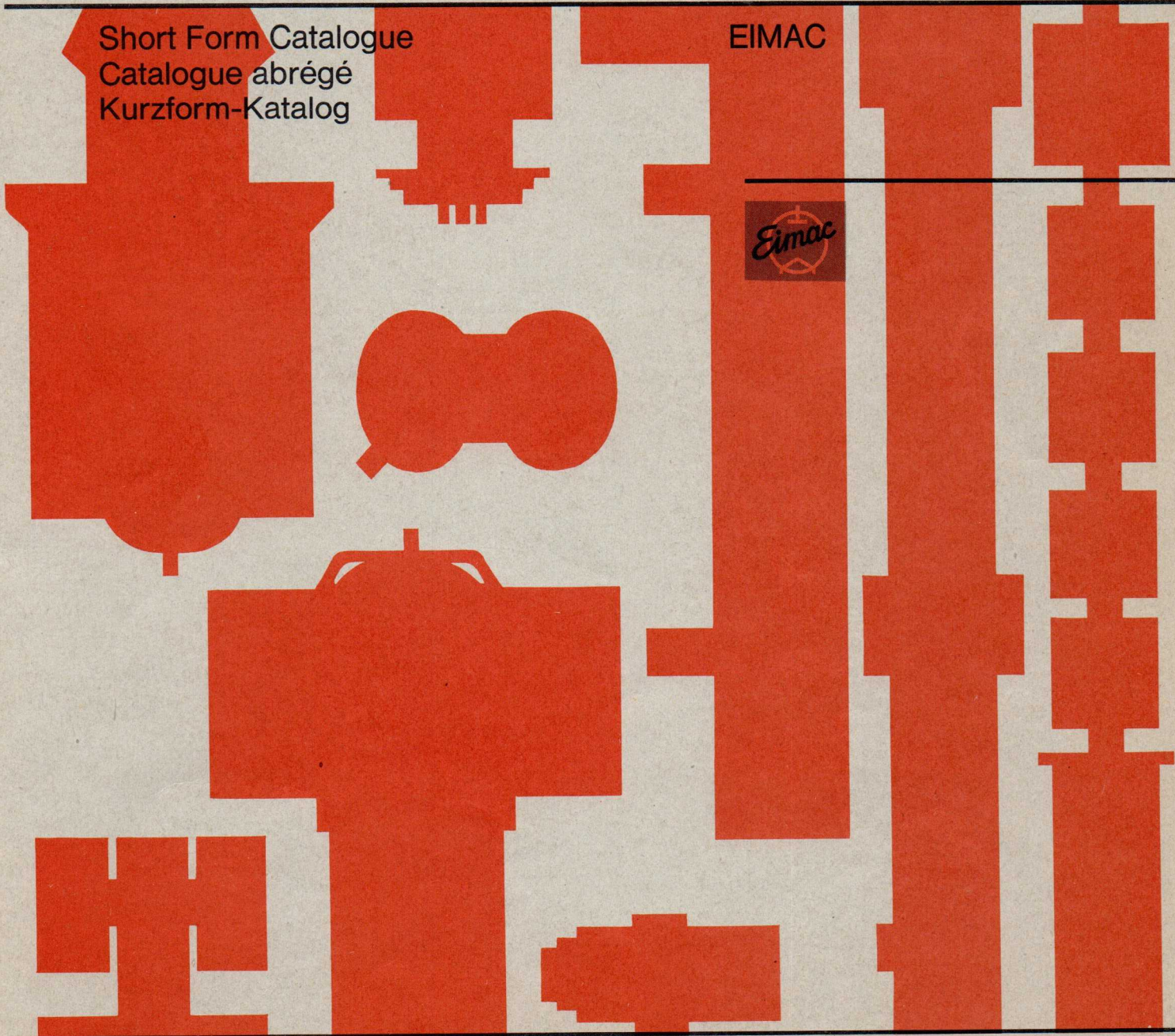
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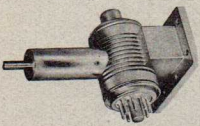
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Short Form Catalogue  
Catalogue abrégé  
Kurzform-Katalog

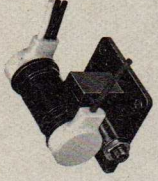
EIMAC







1K125CB



1K20XN-A

REFLEX KLYSTRONS - TWO CAVITY OSCILLATOR KLYSTRONS  
 KLYSTRONS REFLEX - OSCILLATEURS A DEUX CAVITES  
 REFLEX KLYSTRON - ZWEI KAMMER OSZILLATOREN

Type No.	Frequency Fréquence Frequenz Gc	Type	Power Output Puissance Leistung	Features Caractéristiques Eigenschaften
1K125CA	3.7 to 4.4	Reflex	1.25 W	Transmitter, local oscillator tube Emetteur, oscillateur local Sender, Ueberlagerungszosillator
X-1079	4.0 to 6.0	Reflex	225 mW	Tunable over any specified 400 Mc portion Accord variable sur 400 Mc de la bande Abstimbar über 400 Mc des Bereiches
1K125CB	4.4 to 5.0	Reflex	1.8 W	Transmitter, local oscillator tube Emetteur; oscillateur local Sender, Ueberlagerungszosillator
1K75CH	4.3 ± 0.05	Reflex	250 - 1000 mW	Coaxial output - radar altimeter tube Sortie coaxiale - radar altimètre Koaxialer Ausgang - Radar Höhenmesser
1K75CK	4.3 ± 0.05	Reflex	250 - 1000 mW	Half-height waveguide output, radar altimeter tube Guide d'ondes demi hauteur, radar altimètre Wellenleiter halbe Höhe, Radar Höhenmesser
1K75CS	4.3 ± 0.05	Reflex	316 mW	Klystron with isolator Klystron avec isolateur Klystron mit Einweghohlleiter
EM-1121	4.3 ± 0.05	Reflex	500 mW	Klystron with isolator Klystron avec isolateur Klystron mit Einweghohlleiter
1K75CL-A	4.3 ± 0.00	Reflex	240 mW	Radar altimeter tube Radar altimètre Radar Höhenmesser
1K015CA	5.35 to 5.95	Reflex	35 to 130 mW	---
X-1095	5.7 to 6.7	Reflex	400 mW	Factory pre-set at fixed frequency in range Fréquence fixe dans la bande indiquée Festfrequenz innerhalb des Bereiches
1K20XN-A	8.5 to 11.9	Reflex	100 to 200 mW	Fix frequency trimmable ± 50 Mc in range Fréquence fixe ajustable ± 50 Mc dans la bande Festfrequenz einstellbar ± 50 Mc im Bereich
1K20XF-A or B	10.1 to 10.4	Reflex	75 mW	Tunable over whole range - precision DME tube Accordable sur toute la bande - mesure de distances Abstimbar über ganzen Bereich - Distanzmessung

**1K20XD-S**

REFLEX KLYSTRONS - TWO CAVITY OSCILLATOR KLYSTRONS  
 KLYSTRONS REFLEX - OSCILLATEURS A DEUX CAVITIES  
 REFLEX KLYSTRON - ZWEI KAMMER OSZILLATOREN

**1K20XD-A**

Type No.	Frequency Fréquence Frequenz Gc	Type	Power Output Puissance Leistung	Features Caractéristiques Eigenschaften
1K20XD-A	10.0 to 10.7	Reflex	40 mW	Tunable over whole range - local oscillator or paramp pump tube Accordable sur toute la bande Abstimbar über ganzen Bereich
1K20XD-S	10.5 to 11.0	Reflex	120 mW	Microwave relay - local oscillator tube Télécommunication Mikrowellenübertragung
X-1118	10.7 to 11.2	Reflex	1 W	Tunable over whole range, 750 volts operation Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1118A	10.7 to 11.2	Reflex	100 mW	Tunable over whole range - transmitter, local oscillator tube Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1118B	10.7 to 11.2	Reflex	50 mW	Tunable over whole range - transmitter, local oscillator tube Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1117	11.2 to 11.7	Reflex	1 W	Tunable over whole range, 750 volts operation Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1117A	11.2 to 11.7	Reflex	100 W	Tunable over whole range - transmitter, local oscillator tube Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1117B	11.2 to 11.7	Reflex	30 mW	Tunable over whole range - transmitter, local oscillator tube Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1116	11.7 to 12.2	Reflex	1 W	Tunable over whole range, 750 volts operation Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1116A	11.7 to 12.2	Reflex	100 mW	Tunable over whole range - transmitter, local oscillator tube Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1116B	11.7 to 12.2	Reflex	30 mW	Tunable over whole range - transmitter, local oscillator tube Accordable sur toute la bande Abstimbar über ganzen Bereich

**X1120**

REFLEX KLYSTRONS - TWO CAVITY OSCILLATOR KLYSTRONS  
 KLYSTRONS REFLEX - OSCILLATEURS A DEUX CAVITIES  
 REFLEX KLYSTRON - ZWEI KAMMER OSZILLATOREN

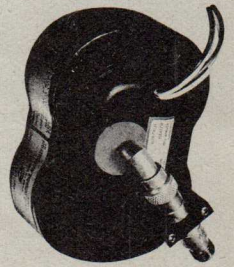
**X1115B**

Type No.	Frequency Fréquence Frequenz Gc	Type	Power Output Puissance Leistung	Features Caractéristiques Eigenschaften
X-1115	12.2 to 12.7	Reflex	1.0 W	Tunable over whole range, 750 volts operation, with M-band flange Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1115A	12.2 to 12.7	Reflex	100 mW	Tunable over whole range, with M-band flange Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1115B	12.2 to 12.7	Reflex	30 mW	Tunable over whole range, with M-band flange Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1120	12.5 to 15.0	Reflex	250 mW	Factory preset at fixed frequency in range Fréquence fixe dans la bande indiquée Festfrequenz innerhalb des Bereiches
X-1111	13.3	2 Cavity	2.0 W	Oscillator tube - doppler navigator Oscillateur Oszillator
EM-1114	13.95	Reflex	200 mW	Trimmable $\pm$ 50 Mc - paramp pump tube Accord $\pm$ 50 Mc Einstellbar $\pm$ 50 Mc
X-1120B	13.325	Reflex	200 mW	Wide electrical tuning range (150 Mc), doppler Accord électronique sur 150 Mc Elektronisch abstimbar über 150 Mc
X-1130	15.0 to 18.0	Reflex	250 mW	Factory preset at fixed frequency in range Fréquence fixe dans la bande indiquée Festfrequenz innerhalb des Bereiches
X-1126	16.0 to 17.0	Reflex	20 mW	1 Gc tunable tube Accordable sur toute la bande Abstimbar über ganzen Bereich
X-1113	35.0	2 Cavity	2.0 W	Fixed oscillator tube, 2500 volt operation Fréquence fixe Festfrequenz
X-1149	12.5 to 18.0	Reflex	1.2 W	High power output, 800 volt operation grande puissance grosse Leistung

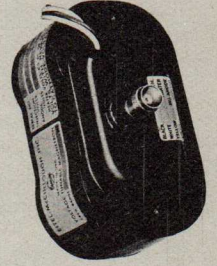


VOLTAGE TUNABLE MAGNETRONS  
 MAGNETRONS A ACCORD ELECTRONIQUE  
 ELEKTRONISCH ABSTIMMBARE MAGNETRONE

Type	Power Puissance Leistung W	Tuning Accord Bereich MC	Anode V	Features	Caractéristiques	Eigenschaften
EM-747	0.05	400-1200	700-1900	3:1 Bandwidth	Gamme 3:1	Bereich 3:1
X-1080	0.1	1200-2200	800-1400	2:1 Bandwidth	Gamme 2:1	Bereich 2:1
X-1081	10.0	900-1200	1800-2350	High power	grande puissance	grosse Leistung
EM-1083B	0.03	320-525	1230-2000	Low noise	faible souffle	rauschfrei
X-1084	0.03	300-600	990-1900	2:1 Bandwidth	Gamme 2:1	Bereich 2:1
X-1085	1.0	1200-1400	1150-2000	Light Weight	léger	leicht
X-1086	15.0	940-1060	1820-2060	High Power	grande puissance	grosse Leistung
X-1087	10.0	515-605	1480-1790	16% Bandwidth		
EM-1088B	0.03	520-925	970-1655	Low noise	faible souffle	rauschfrei
EM-1089	0.02	190-300	660-990	Low frequency	Fréquence basse	niedere Frequenze
X-1091	35.0	2200-2300	1800-1940	Telemetry freq.	Télémetrie	Fernmessung
X-1092	2.0	800-1400	1175-2070	Bandwidth		
X-1093	2.0	2475-2725	1100-1200	Low FM	faible mod. de fréq.	niedrige FM
X-1094	0.05	378-478	1355-1700	Flat power	puissance constante	konstante Ausgangslstg.
X-1098	0.03	885-1460	900-1420	Low noise	faible souffle	rauschfrei
X-1097	5.0	600-1200	1250-2450	Light Weight	léger	leicht
X-1153C	0.02	600-1200	1000-2000	Low noise	faible souffle	rauschfrei
X-1150	40.0	2040-2120	980-1020	High power	grande puissance	grosse Leistung



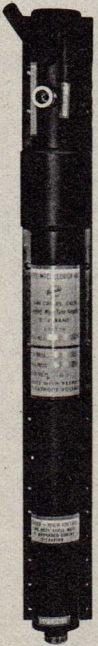
X1083



X1085



TRAVELING WAVE TUBES  
TUBES A ONDE PROGRESSIVE  
WANDERFELDDROEBREN



EM-778 SERIES



Type	Frequency Fréquence Frequenz KMc	Power Puissance Leistung W	Gain Gain Verstärkg. db	Beam Paisseur Strahl V	Features	Caractéristiques	Eigenschaften
EM-778	5 - 11	1	60	2900	Wideband - high gain	Large bande- grd. gain	Breitband, hohe Verstärkung
EM-778J	5 - 11	1	60	2900	Serrodynable		
EM-779	5 - 11	1	60	2950	Lower gain version of EM-778		
X-1002	C Band/ X Band	1	25	2900	Frequency Multiplier	Multiplicateur de fréquences	Frequenzvervielfacher
EM-1006	2 - 4	1	60	1150	Rugged - high gain	anti chocs	stossicher
EM-1010	4 - 8	1	60	2900	High gain - rugged	anti chocs	stossicher
EM-1011	4 - 8	1	30	2950	Med. gain - rugged		
EM-1015S	C Band X Band	2	45/40	2450	Harmonic generator	Générateur d'harmonique	Oberwellengenerator
EM-1015	4 - 8	3	60	2550	Med. power - high gain	grd. gain	Hohe Verstärkung
EM-1016	4 - 8	3	30	2450	Lower gain version of EM-1015		
EM-1025	4 - 12	1	40	2900	3:1 Bandwidth	Accord 3:1	Abstimmung 3:1
EM-1030	7 - 11	5	60	3350	Wide band-high gain-high pow.	Bande large - grd. gain	Breitband hohe Verstärkung
EM-1031	7 - 11	5	30	3200	Lower gain version of EM-1030	Gain 50% de EM-1030	Verstärkung 50% von EM-1030
EM-1045	8 - 12	1	60	2950	Rugged - high gain	anti chocs	stossicher
EM-1046	8 - 12	1	30	2950	Lower gain version of EM-1045	Gain 50% de EM 10-45	Verstärkung 50% von EM-1045
EM-1050	8 - 12	3	60	3300	Med. power - high gain	grd. gain	Hohe Verstärkung
EM-1051	8 - 12	3	30	3300	Lower gain version of EM-1050	Gain 50% de EM-1050	Verstärkung 50% von EM-1050
EM-1060	2.5 - 11	0.5	30	2600	Wide band - for test equipm.	Bande large	Breitband
X-1033	4 - 8	1 Kw	40	10 KV	Telemetry Amplifier	Télémetrie	Fernmessung
X-1014	5 - 8	20	35	2900	Wide band - high power	Bande large grd. puissance	Breitband - hohe Leistung
X-1020	5.8 - 6.3	20	30	2900	Narrow band - high power	grd. puissance	hohe Leistung
X-1021	4 - 8	10	10	2900	Wide band - high power	Bande large grd. puissance	Breitband - hohe Leistung
X-1044	5 - 11	2	60	1660	Small size - high gain	Dimensions réduites	Zwergausführung

**PULSE TRAVELING WAVE TUBES**  
**TUBES A ONDE PROGRESSIVE POUR IMPULSION**  
**IMPULS WANDERFELDRÖHREN**

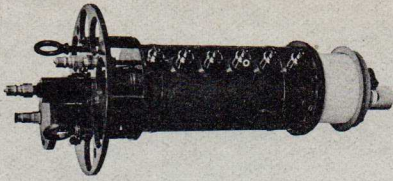
Type	Frequency Fréquence Frequenz KMc	Peak Power P.Crête Spitzenleistg. KW	Beam Faisceau Strahl V	Duty Cycle Tastung %	Gain Gain Verstärkg. db	Features Caractéristiques Eigenschaften
EM-101/7640	2.9 - 3.1	1	7500	2	30	QPL PPM focused - non-gridded Focalisation périodique permanente, sans grille Periodisch permanent fokussiert, ohne Gitter
EM-108	2 - 4	1	7500	2	30	PPM focused - gridded Focalisation périodique permanente, avec grille Periodisch permanent fokussiert, mit Gitter
EM-113	2 - 4	1	7500	2	30	PPM focussed - non-gridded Focalisation périodique permanente, sans grille Periodisch permanent fokussiert, ohne Gitter
EM-116	2.9 - 3.1	1,6	7500	2	33	V.EM-113
EM-118	2.7 - 2.9	0,5	4700	4	40	V.EM-108



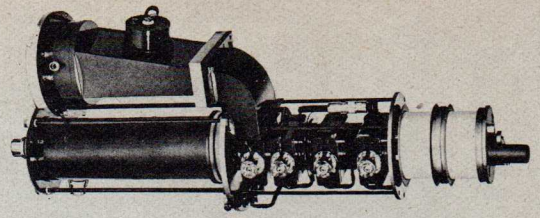


CW AND PULSE TYPE POWER KLYSTRONS  
 KLYSTRONS DE PUISSANCE ENTRETEUE ET PULSÉE  
 VERSTAERKER KLYSTRON FUER DAUERSTRICH - UND IMPULSBETRIEB

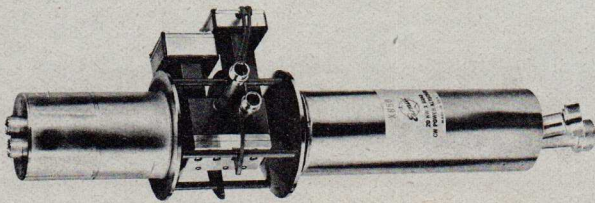
Type	Frequency Fréquence Frequenz KMC	Bandwidth Bde. passante Bandbreite MC	Peak Power P. crête Spitzenlsg. MW	Average Power P. moyenne Dauerleistung KW	Gain Gain Verstärkung db	Beam Voltage T. faisceau Strahlspannung. KV	
X-Band CW	X850	7.125-8.5	-	20	40	21	
	X3050A	7.2-7.8	-	20	43	20	
	X3050B	7.8-8.45	-	20	43	20	
C-Band Pulse	4KM3CB	4.4-5.0	0.001	1	45	7.5	
	4K4CH	4.4-5.0	-	1.4	46	7.5	
C-Band CW	4K3CB	4.4-5.0	-	1	46	7.5	
	4KM3CB	4.4-5.0	-	1	46	7.5	
	5K50CB	4.4-5.0	20	10	47	15	
	X3035C	5.850-6.450	20	15	47	20	
	X.....	5.725-6.4	50	20	48	20	
S-Band Pulse	X632G	2.856	10	10	40	187	
	X3015	2.7-2.9	6	10	40	140	
	7KP50SV	3.43-3.57	140	3	40	115	
	7KP50SX	3.15-3.25	140	3	40	115	
	X3023	3.42-3.57	140	3	40	115	
	X3033	3.0	50	0.2	48	40	
	X700	2.4-2.9	6	0.02	1	40	21
	X3029	2.856	25	0.075	0.1	60	26
	4KP3SM	2.65-2.86	7	0.0075	0.015	54	14
	4KM70SJ	1.7-2.4	10	-	20	43	20
S-Band CW	4KM70SK	2.55-2.7	-	20	43	21	
	5KM70SF	1.71-1.8	-	10	30	17	
	5KM70SJ	1.7-2.4	-	20	53	21	
	4KM50SJ	1.7-2.4	-	10	40	18	
	4KM50SK	2.55-2.7	10	-	10	40	17.5



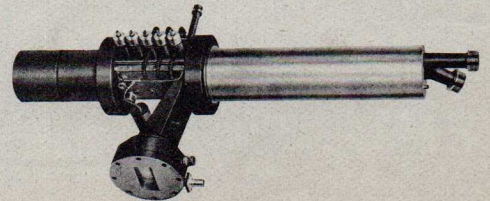
**X3029**



**4KM70SJ**

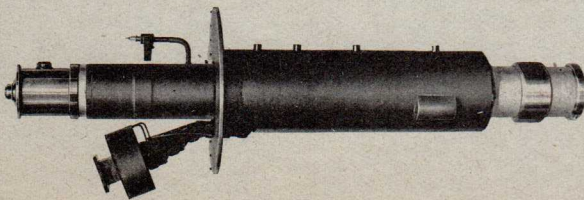


**X850**



**5K50CB**

CW AND PULSE TYPE POWER KLYSTRONS  
 KLYSTRONS DE PUISSANCE ENTRETEÑUE ET PULSÉE  
 VERSTÄRKER KLYSTRON FUER DAUERSTRICH - UND IMPULSBETRIEB



X780



X3002A



X841D

Type	Frequency Fréquence Frequenz KMC	Bandwidth Bde,passante Bandbreite MC	Peak Power P. crête Spitzenlsg. MW	Average Power P. moyenne Dauerleistung KW	Gain Gain Verstärkung db	Beam Voltage T. faisceau Strahlspanng. KV
S-Band CW	5KM50SJ	1.7-2.4	-	1.0	53	18
	4K5SL	1.7-2.4	-	2	43	8
	4K3SJ	1.7-2.4	-	1	45	6.3
	4K3SL	1.7-2.4	-	1	40	7
	4K3SK	2.4-2.7	-	1	47	7
TWT	4K3SM	2.65-2.86	-	1	45	6.5
	X-3034	1.7-2.1	-	1	25	13
L-Band Pulse	X3039	1.25-1.35	1.0	75	33	180
	X832	1.22-1.38	1.0	10	30	114
	X780	1.235-1.365	2.5	75	35	115
	X3002	1.235-1.365	0.004	0.12	27	10.3
	3KM4000LT	0.96-1.215	2.5	1	33	26
L-Band CW	3K2500LX	0.98-1.2	-	1	27	7
	X3002A	1.235-1.365	-	1	21.7	7.2
UHF-Pulse	X841D	0.4-0.45	2.5	150	33	115
	4KMP10,000LF	0.57-0.63	0.4	4	57	65
	X602K	0.375-0.500	0.15	75	47	45
	3KM3000LA	0.385-0.585	0.012	0.72	30	15
	4KM70LA	0.47-0.61	-	12.5	30	13
UHF-TV	4KM70LF	0.59-0.72	-	12.5	30	13
	4KM70LH	0.72-0.89	-	12.5	30	13
	4KM100LA	0.47-0.61	-	25	31	16
	4KM100LF	0.59-0.72	-	25	31	16
	4KM100LH	0.72-0.89	-	25	31	16

CW AND PULSE TYPE POWER KLYSTRONS  
 KLYSTRONS DE PUISSANCE ENTRETEÑUE ET PULSÉE  
 VERSTÄRKER KLYSTRONS FUER DAUERSTRICH - UND IMPULSBETRIEB

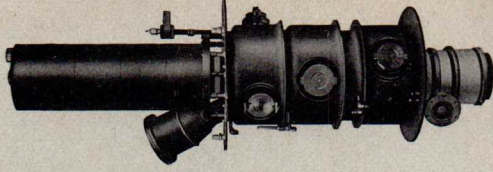
Type	Frequency Fréquence Frequenz KMc	Bandwidth Bde.passante Bandbreite MC	Peak Power P. crête Spitzenlsg. MW	Average Power P. moyenne Dauerleistung KW	Gain Gain Verstärkung db	Beam Voltage T. faisceau Strahlspannung. KV
UHF-TV	4KM150LA	0.41-0.61	-	50	34	22
	4KM150LF	0.59-0.72	-	50	34	22
	4KM150LH	0.72-0.89	-	50	34	22
UHF-TV Vapor-cooled	4KMV100LA	0.47-0.61	-	25	31	16
	4KMV100LF	0.59-0.72	-	25	31	16
	4KMV100LH	0.72-0.89	-	25	31	16
	4KMV150LA	0.47-0.61	-	50	34	22
	4KMV150LF	0.59-0.72	-	50	34	22
	4KMV150LH	0.72-0.89	-	50	34	22
UHF-CW	3KM300LA	0.345-0.455	-	100	13	30
	3K210,000LQ	0.755-0.985	-	75	14	27
	5K210,000LQ	0.755-0.985	10	75	50	25
	4KM170,000LA	0.325-0.5	0.5	75	45	35
	3KM50,000PA	0.225-0.4	0.25	20	30	23
	4KM50,000LR	0.755-0.985	7	10	30	19
	4KM50,000LQ	0.61-0.985	4	10	30	17
	4KM50,000LF	0.61-0.79	8	10	30	18
	4KM50,000LA3	0.4-0.61	8	10	47	17
	4KM50LB	0.35-0.47	3	10	47	17
4KM3000LR	0.61-0.985	7	2	23	8.5	
3KM3LB	0.35-0.475	2	2	26	9	
3KM3000LA	0.385-0.585	2	2	30	9	



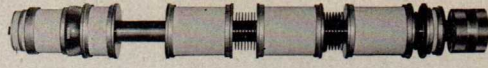
4KM150LA



4KMV100LA



3KM300LA



3KM3LB

TRIODES UHF  
TRIODES UHF  
TRIODEN UHF

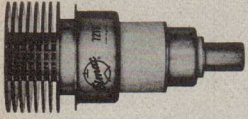
**Y-319**



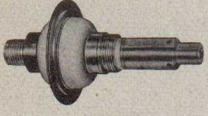
**3CPN10A5**



**7211**



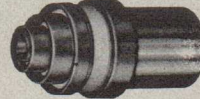
**X843D**



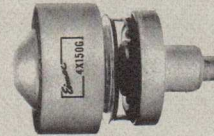
Type	F 100% Wia MC	F <100% Wia MC	Max. Ratings - Valeurs max. - Grenzwerte										Typical Operation - Service typique - Betriebsdaten						
			V <sub>f</sub> V	I <sub>f</sub> A	V <sub>a</sub> KV	I <sub>a</sub> mA	W <sub>a</sub> KW	W <sub>g2</sub> W	W <sub>g1</sub> W	S mA/V	Class C Output KW			Audio Output KW		Class AB <sub>1</sub> RF Output KW			
											Telgr & FM	Plte Mod. Pulse	AB <sub>1</sub>	AB <sub>2</sub>	B	SSB BLU ESB	Carrier Porteuse Träger		
Y-319		3000	6.0	1.0	3.5	3000	0.01		2					1.6					
3CPN10A5/7815		3000	6.0	1.0	3.5	3000	0.01		2					1.6					
2C39A		2500	6.3	1.0	1	125	0.1		2	25									
3CX100A5/7289		2500	6.0	1.0	1	125	0.1		2	25	0.03	0.016							
3CX100F5/8250		2500	26.5	0.22	1	125	0.1		2	25	0.03	0.016							
3CPX100A5/7851R		2500	6.0	1.0	1	125	0.1		2	25	0.03	0.016							
7698		3000	6.3	1.3	3.5	5000	0.01		2					2.5					
7211		2500	6.3	1.3	1	190	0.1		2		0.06								
X843		2500	4.75	2.8	1	250	0.25		4										

TETRODES UHF  
TETRODES UHF  
TETRODEN UHF

**7843**



**4X150G**



**4CX250K**

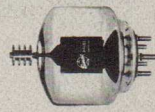


**4CX600A**

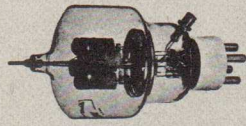


Type	F	V <sub>f</sub>	I <sub>f</sub>	V <sub>a</sub>	I <sub>a</sub>	W <sub>a</sub>	W <sub>g2</sub>	W <sub>g1</sub>	S	Telgr & FM	Plte Mod. Pulse	AB <sub>1</sub>	AB <sub>2</sub>	B	SSB BLU ESB	Carrier Porteuse Träger
4X150G/8172	500	2.5	6.7	7	7000	0.25	12	2	12							B-TV 0.25
4CX250K/8245	500	6.0	2.7	2	250	0.25	12	2	12	0.39	0.235					0.30
4CX250M/8246	500	26.5	0.6	2	250	0.25	12	2	12	0.39	0.235					0.30
4CPX250K	500	6.0	2.7	5.5	250	0.25	12	2						10		
4CX600A	1300	6.0	4.8	3	500	0.6	15	3		0.8						
7843	1200	26.5	0.52	1	180					0.04				0.08	0.14	

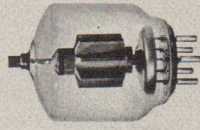
TRIODES RADIATION COOLED  
 TRIODES REFRIGERIES PAR RADIATION  
 TRIODEN STRAHLUNGSGEKUEHLT



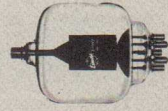
3-400Z



304TH



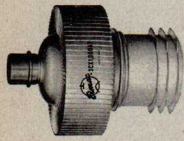
5867A



3-1000Z

Type	F 100 % Wia MC		Max. Ratings - Valeurs max. - Grenzwerte											Typical Operation - Service typique - Betriebsdaten					
	F 100 % Wia MC	F <100 % Wia MC	Vf	If	Va	Ia	Wa	Wg2	Wgl	S	Telgr & FM	Plte Mod.	Pulse	2 tubes		SSB BLU ESB	Carrier Porteuse Träger		
			V	A	KV	mA	KW	W	W	W	mA/V			AB <sub>1</sub>	AB <sub>2</sub>	B	Class AB <sub>1</sub>	RF Output KW	
25T	60		6.3	3	2	75	.025	7	7	2.5	0.100	0.068		0.112					
3C24	60		6.3	3	2	75	.025	7	7	2.5	0.100	0.068		0.112					
35T	100		5.0	3.9	2	150	.050	15	15	2.8	0.200	0.105		0.235					
75TH	40		5.0	6.2	3	225	.075	16	16	4.2	0.225	0.170			0.300				
75TL	40		5.0	6.2	3	225	.075	16	16	3.4	0.225	0.210	0.110						
100TH	40		5.0	6.2	3	225	.100	20	20	4.5	0.400	0.285		0.425					
100TL	40		5.0	6.2	3	225	.100	15	15	3.0	0.400	0.285		0.425					
592/3-200A3	150		10	5.0	3.5	250	.200	25	25	3.6	0.600	0.375			0.820				
250TH	40		5.0	10.5	4	350	.250	40	40	5.6	1	0.435		1.2					
250TL	40		5.0	10.5	4	350	.250	35	35	2.6	1	0.435		1					
304TH	40		5.0	26	3	900	.300	60	60	16.7	1.2	0.8		1.4					
304TL	40		5.0	26	3	900	.300	50	50	16.7	1.2	0.9	0.73	1.8					
5867A	100	150	5.0	14.1	3	400	.375	20	20	5.0	0.83	0.48		1.28					
3-400Z/8163	110		5.0	14.1	4	350	.400	20	20		0.730	0.550			1.3				
450TH	40		7.5	11.8	6	600	.450	80	80	6.7	1.8	1.25		2.2					
450TL	40		7.5	11.8	6	600	.450	65	65	6.7	1.8	1.25		2.2					
750TL	40		7.5	21.5	10	1000	.750	100	100	3.5	3	2		3.5					
3-1000Z/8164	110		7.5	21.3	3	800	1	50	50		3.3	1.75			2.6				
1000T	50		7.5	15.5	7.5	750	1	80	80	9	3	2.9		4.6					
1500T	40		7.5	24	8	1250	1.5	125	125	10	4.5	3			7				
2000T	40		10	23.5	8	1750	2	150	150	11	6	5.4		8.6					

TRIODES FORCED AIR COOLED  
 TRIODES REFROIDIES PAR AIR FORCÉ  
 TRIODEN LUFTEGKEUHLT



3CX1000A7



3X2500A3



3X3000F7

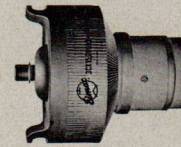
Type	F 100 % Wia		Max. Ratings - Valeurs max. - Grenzwerte										Typical Operation - Service typique - Betriebsdaten									
	MC	MC	V <sub>f</sub> V	I <sub>f</sub> A	V <sub>a</sub> KV	I <sub>a</sub> mA	W <sub>a</sub> KW	W <sub>g2</sub> W	W <sub>g1</sub> W	S mA/V	Telgr & FM	Plte. Mod.	Pulse	Class C Output KW		Audio Output KW		SSB BLU ESB	Carrier Porteuse Träger			
														AB <sub>1</sub>	AB <sub>2</sub>	AB <sub>1</sub>	AB <sub>2</sub>			Class AB <sub>1</sub>	RF Output KW	
3CX1000A7/8283	220		5	34	2.5	1000	1	45		1.7	0.88											
3X2500A3/8161	75	1.10	7.5	51.5	6	2500	2.5	150	20	10	5.3					13.0						
3CX2500A2	75	1.10	7.5	51.5	6	2500	2.5	150	20	10	5.3					13.0						
3X2500F3/8251	30		7.5	51.5	6	2500	2.5	150	20	10	5.3					13.0						
3CX2500F3	30		7.5	51.5	6	2500	2.5	150	20	10	5.3					13.0						
3X3000A1/8238	audio		7.5	51.5	6	2500	3.0	50	11					10.0								
3X3000A7	75		7.5	51.5	5	2500	3.0	225														
3CX3000A7	75		7.5	51.5	5	2500	3.0	225														
3CX3000A1	audio		7.5	51.5	6	2500	3.0	50	11					10.0								
3X3000F1/8239	audio		7.5	51.5	6	2500	3.0	50	11					10.0								
3CX3000F1	audio		7.5	51.5	6	2500	3.0	50	11					10.0								
3X3000F7/8162	30		7.5	51	5	2500	3.0	225														
3CX3000F7	30		7.5	51	5	2500	3.0	225														
3CX10000A1/8158	140		7.5	100	7	5000	12.0	100	20	11				29.1								
3CX10000A3/8159	140		7.5	100	7	5000	12.0	250		24.5	12.4					20.0				AB <sub>2</sub> 20.0		
3CX10000A7/8160	140		7.5	100	7	5000	12.0	500		21.3	11.9									47.7	B 24.2	
3CX15000A3	100		6.3	160	10	6000	15	500		33	27.5										33	
6697A	30	70	1.3	205	16	1100	35	750		70	60											110



3CX10.000A7



3CX10.000A3



3CX15.000A3



6697A

TRIODES EXTERNAL ANODE WATER COOLED  
 TRIODES REFROIDIES PAR EAU  
 TRIODEN WASSERGEKUEHLT



3W5000A3

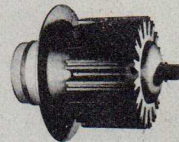


3W5000F3



3CW25,000A3

Type	F 100% Wia MC		F <100% Wia MC		Max. Ratings - Valeurs mx. - Grenzwerte										Typical Operation - Service typique - Betriebsdaten					
	V V	I A	V KV	I mA	W KW	W W	W W	S mA/V	Telgr & FM	Plte Mod.	Pulse	Class C Output KW			Class AB <sub>1</sub> RF Output KW					
												AB <sub>1</sub>	AB <sub>2</sub>	B	SSB BLU ESB	Carrier Porteuse Träger				
3W5000A1/8240	7.5	51.5	6	2500	5.0	50	50	11				10.0								
3CW5000A1	7.5	51.5	6	2500	5.0	50	11					10.0								
3W5000A3/8242	7.5	51.5	6	2500	5.0	150	20	20	10	5.5			8.0	13.0						
3CW5000A3	7.5	51.5	6	2500	5.0	150	20	20	10	5.5			8.0	13.0						
3W5000F1/8241	7.5	51.5	6	2500	5.0	50						10.0								
3CW5000F1	7.5	51.5	6	2500	5.0	50						10.0								
3W5000F3/8243	7.5	51.5	6	2500	5.0	150	20	20	10	5.5			8.0	13.0						
3CW5000F3	7.5	51.5	6	2500	5.0	150	20	20	10	5.5			8.0	13.0						
3CW2000A1	7.5	99	7	5000	20	100			11			29.1								
3CW2000A3	7.5	99	7	4000	20	250			22.4	12.4					20					
3CW2000A7	7.5	99	7	4000	20	500			21.3	11.9		47.7								
3CW25000A3	6.3	160	10	6000	25	500			42	27.5					41					
6696A	13	205	16	11000	60	750			80	60					150					



3CV30,000A3



7480

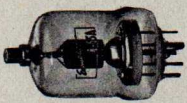
TRIODES EXTERNAL ANODE VAPOR COOLED  
 TRIODES REFROIDIES PAR VAPEUR  
 TRIODEN DAMFGEKUEHLT

3CV3000A3	100		6.3	158	10	6000	30	500				42					
7480	30	70	13	205	16	11000	80	1000				80	60				150





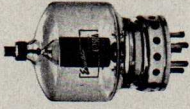
TERODES INTERNAL ANODE  
 TETRODES REFROIDIES PAR RADIATION  
 TETRODEN STRAHLUNGSGEKEHLT



4-65A



4D21/4-125A



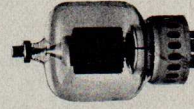
5D22/4-250A

Type	F 100% Wia MC		F <100% Wia MC		Max. Ratings - Valeurs max. - Grenzwerte										Typical Operation - Service typique - Betriebsdaten				
	V <sub>f</sub> V	I <sub>f</sub> A	V <sub>a</sub> KV	I <sub>a</sub> mA	W <sub>a</sub> KW	W <sub>g2</sub> W	W <sub>g1</sub> W	S mA/V	Telgr & FM	Plite Mod. Pulse	Class C Output KW		Audio Output KW		Class AB <sub>1</sub> RF Output KW				
											AB <sub>1</sub>	Pulse	AB <sub>1</sub>	AB <sub>2</sub>	SSB	Carrier	Porteuse	Träger	
4-65A/8165	6.0	3.5	3	150	0.065	10	5	4.0	0.28	0.23	0.17	0.27	0.13						
4-125A/4D21	5.0	6.5	3	225	0.125	20	5	2.45	0.37	0.3	0.33	0.4	0.20						
4-250A/5D22	5.0	14.1	4	350	0.250	35	10	4.0	1	0.51	0.75	1.04	0.45						
4-400A/8438	5.0	14.1	4	350	0.4	35	10	4.0	1.1	0.63	1.54	1.75	0.65						
4-1000A/8166	7.5	21.5	6	700	1.0	75	25	10	3.4	2.63	3.84	3.90	1.92						

PENTODE INTERNAL ANODE  
 PENTODE REFROIDIE PAR RADIATION  
 PENTODE STRAHLUNGSGEKEHLT

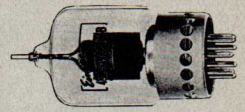


4-400A



4-1000A

4E27A/5-125B	75	5.0	7.5	4	200	0.125	20	5	2.2	0.37	0.3	0.3	0.4				
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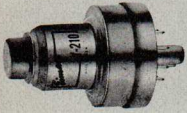


4E27A/5-125B

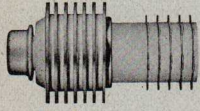
TETRODES FORCED AIR COOLED  
 TETRODES REFROIDIES PAR AIR FORCE  
 TETRODEN LUFTEGKEUEHLT



4CN15A



Y-210



4CX125C

Type	F 100% Wia MC		F <100% Wia MC		Max. Ratings - Valeurs max. - Grenzwerte										Typical Operation - Service typique - Betriebsdaten					
	V <sub>f</sub> V	I <sub>f</sub> A	V <sub>a</sub> KV	I <sub>a</sub> mA	W <sub>a</sub> KW	W <sub>g2</sub> W	W <sub>gl</sub> W	S mA/V	Telgr & FM	Pite Mod. Pulse	Class C Output KW			Audio Output KW			SSB BLU ESB	Class AB <sub>1</sub> RF Output KW	Carrier Porteuse Träger	
											AB <sub>1</sub>	AB <sub>2</sub>	B	AB <sub>1</sub>	AB <sub>2</sub>	B				
4CN15A	6	2.8	2.5	250	0.015	12	2													
Y - 210	6	2.6	2	250	0.25	12	2													
4CX125C	6	2.7	2	250	0.125				0.39	0.235										
4CX125F	26.5	0.65	2	250	0.125				0.39	0.235										
4X150A / 7034	6	2.6	2	250	0.25	12	2		0.39	0.235				0.6					0.3	
4X150D / 7035	26.5	0.6	2	250	0.25	12	2		0.39	0.235				0.6					0.3	
4X150G / 8172	2.5	6.7	7	7000	0.25	12	2	12			17								B-TV 0.25	
4X150R / 8296	6	2.7	2	250	0.25	12	2		0.39	0.235				0.6					0.3	
4X150S / 8297	26.5	0.6	2	250	0.25	12	2		0.39	0.235				0.6					0.3	
4X250B / 7203	6	2.6	2	250	0.25	12	2	12	0.39	0.235				0.6					0.3	
4X250F / 7204	26.5	0.55	2	250	0.25	12	2	12	0.39	0.235				0.6					0.3	
4CX250B/ 7203	6	2.6	2	250	0.25	12	2	12	0.39	0.235				0.6					0.3	
4CX250F/ 7204	26.5	0.6	2	250	0.25	12	2	12	0.39	0.235				0.6					0.3	
7580	6	2.6	2	250	0.25	12	2							0.59					0.47	0.1
4CX250R/ 7580W	6	2.6	2	250	0.25	12	2		0.39	0.235				0.625					0.495	
4CX250K/ 8245	6	2.7	2	250	0.25	12	2	12	0.39	0.235									0.3	

(\*) Conduction Cooled  
 Refroidies par conduction  
 Strahlungsgekuehlt



4CX250B

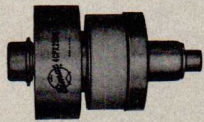


4CX250R

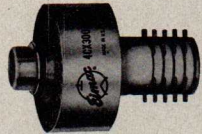


4CX250K

TETRODES FORCED AIR COOLED  
 TETRODES REFROIDIES PAR AIR FORCE  
 TETRODEN LUFTGEKUEHLT



4CPX250K



4CX300A

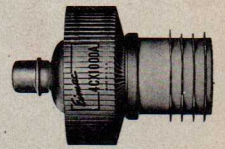


4X500A

Type	F 100% Wia MC	F <100% Wia MC	Max.Ratings - Valeurs max. - Grenzwerte										Typical Operation - Service typique - Betriebsdaten					
			V <sub>f</sub> V	I <sub>f</sub> A	V <sub>a</sub> KV	I <sub>a</sub> mA	W <sub>a</sub> KW	W <sub>g2</sub> W	W <sub>g1</sub> W	S mA/V	Telgr & FM	Plte Mod.	Pulse	2 tubes		Class AB <sub>1</sub> RF Output KW		Carrier Porteuse Träger
													AB <sub>1</sub>	AB <sub>2</sub>	SSB BLU ESB	RF Output KW		
4CPX250K / 8590	500	1500	6.0	2.7	5.5	250	0.25	12	2									
4CX250M / 8246	500		26.5	0.6	2	250	0.25	12	2	12	0.39	0.235				0.3		
4CX300A / 8167	500		6.0	2.7	2.5	250	0.30	12	2	12	0.5	0.235	0.8			0.4		
4CX300Y / 8561	110		6.0	3.4	2	400	0.4	8	1		0.6	0.3	0.85			0.45		
4CX350A / 8321	500		6.0	3.0	2	400	0.35	8	2	22						0.3		
4CX350F / 8322	500		26.5	0.57	2	400	0.35	8	2	22								
4X500A	120	220	5.0	13.0	4	350	0.5	30	10	5.2	0.83					B-TV 0.6		
4CX600A		1300	6.0	4.8	3	500	0.6	15	3		0.8							
4CX1000A / 8168	110		6.0	9.0	3	900	1.0	12	0	37						1.68		
4CX1000K / 8352	110	400	6.0	10.5	3	900	1.0	12	0	37						1.1		
4CX3000A / 8169	110		10.0	45	7	2000	3.0	175	50		11.0	5.5	56	11.2		5.6		
4CX5000A / 8170	30		7.5	76	7.5	3000	5.0	250	75		16.0	5.8	66	17.5		10.0		
4CX5000R / 8170W	30		7.5	76	7.5	3000	5.0	250	75		16.0	5.8	66	17.5		10.0		
4CX10000D / 8171	30		7.5	76	7.5	4000	12.0	250	75		16.0	5.8	60	34.3		17.15		
4CX15000A / 8281	110		6.3	160	7.5	5000	15.0	450	200		23.0	11.8	135	39.4		17.5	AB <sub>2</sub> 28.0	
4CX35000C / 8349	30	110	10.0	300	20	15000	35.0	1750	500		110	82.5	680	210		105		



4CX350A



4CX1000A



4CX5000A



4CX35.000C

TETRODES WATERCOOLED  
 TETRODES REFROIDIS PAR EAU  
 TETRODEN WASSERGEKUEHLT



4W300B



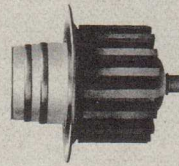
4CW2000A



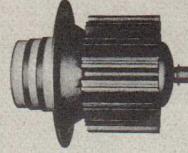
4CW50.000C

Type	F 100% Wia MC	F <100% Wia MC	Max. Ratings - Valeurs max. - Grenzwerte										Typical Operation - Service typique - Betriebsdaten						
			V <sub>f</sub> V	I <sub>f</sub> A	V <sub>a</sub> KV	I <sub>a</sub> mA	W <sub>a</sub> KW	W <sub>g2</sub> W	W <sub>g1</sub> W	S mA/V	Class C Output KW			Audio Output KW			SSB BLU ESB	Carrier Porteuse Träger	
											Pulse	Plate Mod.	Telgr & FM	AB <sub>1</sub>	AB <sub>2</sub>	B			
4W300B / 8249	500		6.0	2.6	2	250	0.3	12	2	12		0.39	0.23		0.6			0.3	
4CW2000A / 8244	110		6.0	10.5	3	1000	2.0								3.36		1.68		
4CW10000	30		7.5	76	7.5	4000	12.0								34.3			17.15	
Y - 310			6.3	160										180					
4W20000A / 8173	220		10	25	8	15000	20	60	75	13.0							B-TV 26.0		
4CW50000C / 8350	30	110	1.0	300	20	15000	50	1750	500	1.65	1.10	250					125		

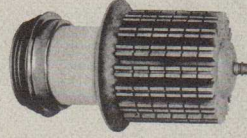
TETRODES VAPOR COOLED  
 TETRODES REFROIDIS PAR VAPEUR  
 TETRODEN DAMPFGEKUEHLT



4CV20.000A



4CV35.000A



4CV100.000C

4CV8000A	160		10	45	7	2000	8	175	50	11	5.5	14.5					7.25	
Y - 322	160		10	45	7	2000	8	175	50	11	5.5	14.5					7.25	
4CV2000A	30		7.5	75	7.5	3000	20	250	75	17	7.75	35					17.5	
4CV35000A	110		6.3	160	10	5000	35	450	200	38	23.5	33						
4CV100000C / 8351	30	110	1.0	300	20	15000	100	1750	500	225	155	280					140	

PULSE MODULATORS Radiation & forced air cooled  
 MODULATEURS D'IMPULSIONS Refroidis par radiation & air forcé  
 IMPULSMODULATOREN Strahlungs- & luftgekühlt



4PR65A



4PR60B

Type	W <sub>a</sub> W	Pulse Impulsion Impuls		V <sub>a</sub> Kv	I <sub>as</sub> A	W <sub>ig</sub> W	W <sub>os</sub> Kw	Class of service Service typique Anwendung
		μs	%					
4PR65A/8187	65		5	15	1	11	14	Tetrode long pulse duration Téetrode pour impulsions longues Tetrode für lange Impulse
4PR125A/8247	125		4	18	1,8	30	30,6	Tetrode long pulse duration Téetrode pour impulsions longues Tetrode für lange Impulse
4PR60B/8252	60	2	0,1	20	18	552	337	Tetrode replacement of 4PR60A 715C 5D21 Téetrode remplacement pour 4PR60A 715C 5D21 Tetrode Ersatz für 4PR60A 715C 5D21
4PR400A/8188	400		1,5	20	4	40	76	
4PR1000A/8189	1000		1	30	8	900	235	
4PR1000B	1000		1	30	8	900	235	Ruggedized Anti-choocs Stossicher
6C21	300		0,2	30	15	7500	375	Triode long pulse duration Triode pour impulsions longues Triode für lange Impulse
4PR250C/8248	250		1,7	50	4	415	192	Pulsmodulator & switch tube Modulateur d'impulsions et commutateur Impulsmodulator und Schalthröhre



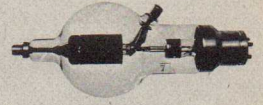
4PR250C



4PR400A



4PR1000A



6C21

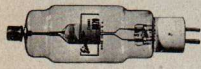
DIODES - RECTIFIERS  
 DIODES - REDRESSEURS  
 DIODEN - GLEICHRICHTER



2-01C

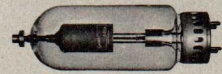


2-50A

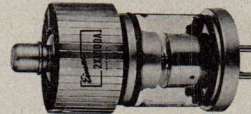


8020/100R

Type	Heater Chauffage Heizung		I= I <sub>s</sub>	V <sub>inv</sub>	f	Type	Maximum performance choke input to filter Caractéristiques max. entrée sur self Max. Betriebsdaten für Drosselgang							
	V	A					KV <sub>eff</sub>	KV=	A=	KV <sub>eff</sub>	KV=	A=		
2-01C	5	0.35	0.004	1	3000 Mc	Vac								
322	6	1	0.1		2500 Mc	Vac								
2-25A	6.3	3	0.05	1		Vac	17.7	16	0.1	10.2	24	0.15		
2-50A	5	4	0.075	1		Vac	21.2	19	0.15	12.2	28.5	0.225		
2-150D	5	12.5	0.250	3		Vac	21.2	19	0.5	12.2	28.5	0.75		
2-240A	7.5	12	0.5	4		Vac	18	16	1.0	10.2	24	1.5		
2-450A	7.5	26.5	1.0	8		Vac	21.2	19	2.0	12.2	28.5	3.0		
2-2000A	10	23.5	0.75	12		Vac	53	47.6	1.5	30.6	71.5	2.25		
2X1000A	26	2.2	1.25	25		Vac								
2X3000F	7.5	51.5	3.0	20		Vac	17.7	16	6.0	10.2	24	9.0		
250R	5	10.5	0.25	2.5		Vac	42	38	0.5	24.5	57	0.75		
253	5	10	0.35	2.5		Vac	10.6	9	0.7	6.15	13.5	1.0		
8020/100R	5	6	0.1	1.5		Vac	28	25	0.2	16.3	38	0.3		
KV21A	2.5	10	0.75	3	150 $\nu$	Hg	7.8	7	1.5	4.5	10.5	2.25		
RX21A	2.5	10	0.75	3	150 $\nu$	Hg	7.8	7	1.5	4.5	10.5	2.25		



2-450A



2X1000A



2X3000F



RX21A

SOCKETS  
SOCLES  
SOCKEL



SK-300A  
SK-310

Type	Grounded Contacts Contacts à la masse Geerdete Anschlüsse	Tube Valve Röhre	Screen Bypass Capacitor Condensateur grille-écran Schirmgitterkondensator $\mu\text{f}$ V=	Chimney Cheminée Kamin
SK-300A	None Néant Keine	4CX5000A 4CX5000R	-	SK-306
SK-300A		4CX10'000D		SK-1306
		4CX15'000A		SK-316
		4CW10'000A		None Néant Kein
SK-310		4CV20'000A 4CV35'000A		



SK-306  
SK-1306  
SK-316



SK-400

SK-400	None Néant Keine	4-125A 4-250A 4-400A 4PR125A 4PR250C 4PR400A	-	SK-406
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SK-406



SK-410

SK-410	None Néant Keine	3-400Z	-	SK-416
		4-125A		SK-406
		4-250A		
		4-400A		
		4PR125A 4PR400A 4PR250C		



SK-416



SK-500

SK-500	None Néant Keine	4-1000A 4PR1000A	-	SK-506
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SK-516  
SK-506



SK-510

SK-510	None Néant Keine	3-1000Z	-	SK-516
		4-1000A		SK-506
		4PR1000A		



SK-600  
SK-600A  
SK-611

SK-600 SK-600A SK-611	None Néant Keine	4X150A 4X150D 4X250B 4CX250B 4CX250F 4CX250R 4CX350A 4CX350F 7580 4W300B	2700 400	SK-606
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SK-606

SOCKETS  
SOCLES  
SOCKET

Type	Grounded Contacts Contacts à la masse Geerdete Anschlüsse	Tube Valve Röhre	Screen Bypass Capacitor Condensateur grille-écran Schirmgitterkondensator $\mu\text{f}$ V=		Chimney Cheminée Kamin
SK-610	Cathode Cathode Katode	4X150A 4X150D			
SK-612	1 Heater & Cathode 1 Filament & cathode 1 Heizg. & Katode	4X250B 4CX250B 4CX250F 4CX250R 4CX350A 4CX350F 7580 4W300B	2700	400	SK-606
					-



SK-610  
SK-612



SK-606

SK-620	None Néant	4X150A 4X150D			
SK-620A	Keine	4X150R 4X150S 4X250B	1100	1000	SK-626 SK-636B
SK-630	Cathode Cathode	4CX250B 4CX250F 4CX250R			
SK-630A	Katode	7580 4W300B			-



SK-620  
SK-620A  
SK-630  
SK-630A



SK-626  
SK-636B

SK-640	None Néant Keine	4X150A 4X150D 4X250B 4CX250B 4CX250F 4CX250R 4CX350A 4CX350F 7580 4W300B	-	-	SK-606
					-



SK-640



SK-606

SK-650	Cathode Cathode Katode	4X150A 4X150D 4X250B 4X250F 4CX250B 4CX250F 4CX250R 4CX350A / F 7580 4W300B	-	-	None Néant Kein
SK-650 + SK-655			1100	1000	SK-626
					-



SK-650  
SK-655



SK-626



SOCKETS

SOCLES

SOCKET



SK-700  
SK-710  
SK-711A

Type	Grounded Contacts Contacts à la masse Geerdete Anschlüsse	Tube Valve Röhre	Screen Bypass Capacitor Condensateur grille-écran Schirmgitterkondensator		Chimney Cheminée Kamin
			μf	V=	
SK-700	1 Heater 1 Filament 1 Heizung	4CN15A			
SK-710 SK-711A	1 Heater 1 Filament 1 Heizung	4CX125C 4CX125F 4CX300A	1100	400	SK-606
SK-712A	1 Heater & Cathode 1 Filament & Cathode 1 Heizg. & Katode				



SK-606



SK-740

SK-740	None Néant Keine	4CN15A 4CX125C 4CX125F 4CX300A 4CX300Y	-	-	-
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SK-760  
SK-770

SK-760 SK-761	None Néant Keine	4CX300A	-	-	-
SK-770	Screen Grille-écran Schirmgitter	4CX300Y			



SK-800B  
SK-810B  
SK-860  
SK-870  
SK-890B

SK-800B	- -				
SK-810B	1 Heater & Cathode 1 Filament & Cathode	4CX1000A 4CW2000A	1500	400	SK-806
SK-890B	1 Heizg. & Katode		1500	Isolated Isolé Isoliert 400	
SK-820	Screen Grille-écran Schirmgitter	4CX1000K	-	-	SK-806
SK-830	Cathode Cathode Katode		1500	400	
SK-860	None Néant Keine	3CX1000A7	-	-	SK-816
SK-870	Grid Grille Gitter		-	-	



SK-806  
SK-816



SK-900

SK-900	None Néant Keine	4X500A	650	700	SK-906
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SK-906



SK-1300  
SK-1310

SK-1300	None Néant Keine	3CX10,000A1 3CX10,000A3 3CX10,000A7			SK-1306
		3CW20,000A1 3CW20,000A3 3CW20,000A7	-	-	-
SK-1310		3CV30,000A3			



SK-1306

SOCKETS  
SOCLES  
SOCKEL



SK-1400A  
SK-1470A  
SK-1490



SK-1500  
SK-1510  
SK-1511

Type	Grounded contacts Contacts à la masse Geerdete Anschlüsse	Tube Valve Röhre	Screen Bypass Capacitor Condensateur grille-écran Schirmgitterkondensator		Chimney Cheminée Kamin
			$\mu\text{f}$	V=	
SK-1400A	None Néant Keine	4CX3000A	1800	1000	SK-1406
SK-1470A	Screen Grille-écran Schirmgitter	4CX3000A	-	-	SK-1406
SK-1490	None Néant Keine	4CV8000A	-	-	-
SK-1500 SK-1510 SK-1511	None Néant Keine	4CX35000C 4CW50000C 4CV100000C	-	-	-



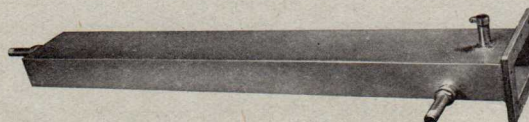
SK-1406

WATER LOADS  
CHARGES A EAU  
WASSER LASTWIDERSTAENDE



WL-150

Type	Type	Frequency Fréquence Frequenz	Average Power P.moyenne Dauerleistg.	Peak Power P. de crête Spitzenleistg.	Max. VSWR Max. TOS Stehwellenverh.
		MC	KW	MW	
WL-120	3 1/8 coax.	500 - 1200	50	3	1,15 : 1
WL-130	3 1/8 coax.	320 - 1200	50	3	1,10 : 1
WL-140	3 1/8 coax.	200 - 1200	50	3	1,18 ± 1
WL-150	6 1/8 coax.	250 - 750	300	5	1,10 : 1
WL-160	6 1/8 coax.	250 - 750	300	5	1,07 : 1
WL-201	WR-430	1700 - 2400	24	-	1,10 : 1
WL-210	WR-975	750 - 1000	100	1.25	1,15 : 1
WL-220	WR-975	390 - 460	150	1.25	1,13 : 1



WL-201

INDEX

<u>EIA No.</u>	<u>Eimac No.</u>	<u>EIA No.</u>	<u>Eimac No.</u>	<u>EIA No.</u>	<u>Eimac No.</u>	<u>EIA No.</u>	<u>Eimac No.</u>							
7034	-	4X150A	-	8238	-	3X3000A1	-	8163	-	3-400Z	-	4CX250K	-	8245
7035	-	4X150D	-	8239	-	3X3000F1	-	8164	-	3-1000Z	-	4CX250M	-	8246
7203	-	4CX250B	-	8240	-	3W5000A1	-	7815	-	3CPN10A5	-	4CX250R	-	7580W
7204	-	4CX250F	-	8241	-	3W5000F1	-	7815R	-	3CPX100A5	-	4CX300A	-	8167
7289	-	3CX100A5	-	8242	-	3W5000A3	-	7289	-	3CX100A5	-	4CX300Y	-	8561
7580W	-	4CX250R	-	8243	-	3W5000F3	-	8250	-	3CX100F5	-	4CX350A	-	8321
7815	-	3CPN10A5	-	8244	-	4CW2000A	-	8283	-	3CX1000A7	-	4CX350F	-	8322
7815R	-	3CPX100A5	-	8245	-	4CX250K	-	8158	-	3CX10,000A1	-	4CX1000A	-	8168
8158	-	3CX10,000A1	-	8246	-	4CX250M	-	8159	-	3CX10,000A3	-	4CX1000K	-	8352
8159	-	3CX10,000A3	-	8247	-	4PR125A	-	8160	-	3CX10,000A7	-	4CX3000A	-	8169
8160	-	3CX10,000A7	-	8248	-	4PR250C	-	8240	-	3W5000A1	-	4CX5000A	-	8170
8161	-	3X2500A3	-	8249	-	4W300B	-	8241	-	3W5000F1	-	4CX5000R	-	8170W
8162	-	3X3000F7	-	8250	-	3CX100F5	-	8242	-	3W5000A3	-	4CX10,000D	-	8171
8163	-	3-400Z	-	8251	-	3X2500F3	-	8243	-	3W5000F3	-	4CX15,000A	-	8281
8164	-	3-1000Z	-	8252	-	4PR60B	-	8161	-	3X2500A3	-	4CX35,000C	-	8349
8165	-	4-65A	-	8281	-	4CX15,000A	-	8251	-	3X2500F3	-	4PR60B	-	8252
8166	-	4-1000A	-	8283	-	3CX1000A7	-	8238	-	3X3000A1	-	4PR65A	-	8187
8167	-	4CX300A	-	8296	-	4X150R	-	8239	-	3X3000F1	-	4PR125A	-	8247
8168	-	4CX1000A	-	8297	-	4X150S	-	8162	-	3X3000F7	-	4PR250C	-	8248
8169	-	4CX3000A	-	8321	-	4CX350A	-	8165	-	4-65A	-	4PR400A	-	8188
8170	-	4CX5000A	-	8322	-	4CX350F	-	8438	-	4-400A	-	4PR1000A	-	8189
8170W	-	4CX5000R	-	8349	-	4CX35,000C	-	8166	-	4-1000A	-	4W300B	-	8249
8171	-	4CX10,000D	-	8350	-	4CW50,000C	-	8590	-	4CPX250K	-	4W20,000A	-	8173
8172	-	4X150G	-	8351	-	4CV100,000C	-	8351	-	4CV100,000C	-	4X150A	-	7034
8173	-	4W20,000A	-	8352	-	4CX1000K	-	8244	-	4CW2000A	-	4X150D	-	7035
8187	-	4PR65A	-	8438	-	4-400A	-	8350	-	4CW50,000C	-	4X150G	-	8172
8188	-	4PR400A	-	8561	-	4CX300Y	-	7203	-	4CX250B	-	4X150R	-	8296
8189	-	4PR1000A	-	8590	-	4CPX250K	-	7204	-	4CX250F	-	4X150S	-	8297

TUBE INTERCHANGEABILITY LIST

Other Tube Type Number	Replace with EIMAC Type	Other Tube Type Number	Replace with EIMAC Type	Other Tube Type Number	Replace with EIMAC Type
1K20	8020	6155	4-125A	QB3.5/750GA	4-250A
2C39BA	3CX100A5	6156	4-250A	QB4-250B	4-250A
2T24	3C24	7034	4X150A	QB4/1100GA	4-400A
3C200	250TH	7035	4X150D	QBL4/800	4X500A
3F60P	4PR60B	7203	4CX250B	QEL1/150	4X150A
3F65	4-65A	7204	4CX250F	QEL1/150H	4X150D
3H/151J	2C39A	7289	3CX100A5, 7289	QEL2/200	7580
4D21	4-125A	7815	3CPN10A5	QEL2/250	4X250B
4E27A	4E27A/5-125B	A235	2-25A	QEL2/275	4CX250B
4F21	4-125A	AX4-125A	4-125A	QEP20/18	4PR60B
4F15R	4X150A	AX4-250A	4-250A	QV1-150A	4X150A
4F20R	4X150D	C1133	4PR60B	QV1-150D	4X150D
4F25R	4X150G	CV668	35T	QV1-150G	4X150G
4H/135M	4X150A	CV824	4E27A/5-125B	QV2-250B	4X250B
4H/136M	4X150D	CV1905	4-65A	QV20-P18	4PR60B
4H/160M	4X250B	CV2130	4-125A	QY3-65	4-65A
4K84	2-450A	CV2131	4-250A	QY3-125B	4-125A
4T16	100TL	CV2487	4X250B	QY4-250B	4-250A
4T17	100TH	CV2516	2C39A	QY4-400B	4-400A
5D22	4-250A	CV2519	4X150A	QY4-500A	4X500A
5F22	4-250A	CV2552	100TH	RS685	4-125A
5F23	4-400A	CV2572	450TH	RS686	4-250A
5F20RA	4X250B	CV2589	250TH	RS1002A	4-250A
5T20	250TL	CV2711	1500T	RS1007	4-125A
5T21	250TH	CV2752	4PR60B	RY12-100	8020
5T30	450TL	CV2963	4-125A	TB3/350	5867A
5T31	450TH	CV2964	4-250A	TB4/800	250TH
5T34	304TL	CV2967	8020	TD1-100A	2C39A
5T35	304TH	CV3879	4-400A	TH4E27	4E27A/5-125B
6F50R	4X500A	CV3880	4-1000A	TH100TH	100TH
6T35	750TL	CV3893	4X150G	TH250TH	250TH
7F25	4-1000A	CV3991	4X150D	TH250R	250R
7T40	1000T	DET18	35T	TT16	4-125A
7T45	1500T	E900	250TH	V40	8020
100R	8020	ET1000	250TH	VT220	250TH
715C	4PR60B	QB3-200	4-65A	VT267	8020
3861B	4X150A	QB3-300GA	4-125A		

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## EITEL-McCULLOUGH, S.A.

RUE DU JEU-DE-L'ARC No. 15  
GENEVA, SWITZERLAND  
CABLE ADDRESS: EIMACTUBES, GENEVA  
TÉL. 35 89 30

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Brussels, Belgium  
Cable: INELCOBEL, BRUSSELS

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Cable: SCHWEITZER, COPENHAGEN

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Cable: VALVEXPOR, LONDON

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Cable: SASSOPHER, PARIS

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Cable: INTO, HELSINKI

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