

# Summary of Siemens Power and special Purpose Tubes



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Edition 1965

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This brochure provides a survey of the current range of Siemens & Halske power and special purpose tubes. The most important technical data for each tube is included.

For circuit design precise technical data in the form of data sheets and technical application information is available on request.

A list of addresses of Siemens & Halske world wide sales organizations and representatives to whom all enquiries should be sent, may be found on the last few pages of this brochure. Our technical staff is available for consultation where particular problems may arise from applications of tubes contained in this brochure.

**SIEMENS & HALSKE AKTIENGESELLSCHAFT**

WERNERWERK FÜR BAUELEMENTE

Werk für Röhren

München (Western Germany)

# Power Grid Tubes

Type  
Overall length max.  
Diameter max.

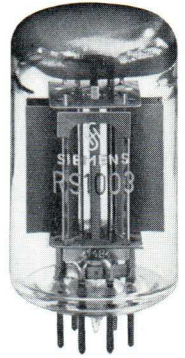
RS 1029  
6360  
78,4 mm  
22,2 mm



RS 1009  
5894  
106 mm  
46 mm

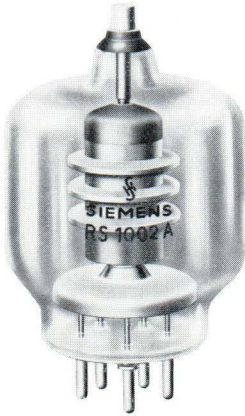


RS 1003  
105,5 mm  
51 mm



Type  
Overall length max.  
Diameter max.

RS 1002 A  
7527  
156 mm  
90 mm



RS 1091  
276 mm  
192 mm



# Radiation cooled Power Grid Tubes

Type	Design and Application	Heating		Typical Operation RF-Amplifier				Remarks
		$E_f$ V	$I_f$ A	$f$ Mc	$E_b$ kV	$P_o$ W	$P_i$ W	
RS 1002 A 7527	Tetrode, especially for VHF-Transmitters	5	14,1	110	4	800	2	
RS 1003	Pentode for communication	6,3	2,3	100	0,8	105	1	
RS 1006 B 5866 A	Triode for communication and electromedical applications	6,3	5,8	150	2,5	390	14	



# Radiation cooled Power Grid Tubes

Type	Design and Application	Heating		Typical Operation RF-Amplifier				Remarks
		$E_f$ V	$I_f$ A	$f$ Mc	$E_b$ kV	$P_o$ W	$P_i$ W	
RS 1007 6155	Tetrode for communication and electromedical applications	5	6,5	120	3	375	2	
RS 1009 5894	Twin Tetrode for VHF, UHF and TV-Transmitters	6,3 12,6	1,8 0,9	500	0,6	60	—	*
RS 1016 5868	Triode for communication and industrial RF applications	10	9,9	100	4	1690	60	
RS 1019 6252	Twin Tetrode for communications	6,3 12,6	1,3 0,65	600	0,4	20	—	*
RS 1026 5867 A	Triode for communication and electromedical applications	5	14	100	4	1200	46	
RS 1029 6360	Twin tetrode for communications	6,3 12,6	0,82 0,41	200	0,3	14,5	0,1	*
RS 1036	Triode for industrial RF-applications	5	32,5	50	6	1640	—	as oscillator
RS 1046 7092	Triode for industrial RF-applications	6,3	32,5	50	6	2840	—	as oscillator
RS 1091	Triode especially for industrial generators	6,3	50	50	6	4500	130	as oscillator
YL 1000	Quick Heating 8-W Pentode for Mobile Applications	1,1	1,05	50 175	0,3 0,3	8 3,3	—	
YL 1020 8118	Quick Heating 45-W Double-Tetrode for Mobile VHF-Transmitters	1,6	4,25	200 460	0,6 0,4	45 21	1,5 5	*
YL 1060 7854	150-W Double-Tetrode for VHF-Transmitters	6,3 12,6	1,8 0,9	175	1	146	3,5	*
YL 1070 8117	150-W Double-Tetrodes for SSB-Transmitters	6,3 12,6	1,8 0,9	7	1	141	0	Amplifier at SSB
YL 1071 8116		26,5 13,25	0,43 0,86					Both systems in parallel
YL 1080 8348	12-W Quick Heating Double-Tetrode for Mobile VHF-Transmitters	1,6	2,5	200	0,3	12	1	*
YL 1130 8408	15-W Quick Heating Double-Tetrode for Mobile VHF-Transmitters	1,1	3,1	200 500	0,275 0,175	15 8	0,7 1,5	*
YL 1210 8457	14,5-W Double-Tetrode for Mobile VHF-Transmitters	6,75 13,5	0,72 0,36	200	0,3	14,5	0,1	*
YL 1220	5-W Double-Tetrode for Mobile VHF-Transmitters	6,75 13,5	0,76 0,38	500	0,18	5,8	1,2	*
YL 1240 8458	30-W Double-Tetrode for Mobile VHF-Transmitters	6,75 13,5	0,76 0,38	200	0,4	20	1	*
YL 1250 8505	50-W Beam-Tetrode for Transmitters at frequencies up to 250 Mc	6,75 13,5	1,2 0,6	75 175	0,55 0,4	52 38	0,5 1,5	
6146 QE 05/40 6883 QE 05/40F 6159 QE 05/40H	50-W Beam-Tetrode for RF-, AF-Power Amplifier and Oscillator	6,3 26,5 12,6	1,25 0,3 0,62	60 175	0,6 0,32	52 25	0,2 3	
6939 QQE 02/5	5-W Double-Tetrode for Mobile VHF-Transmitters	6,3 12,6	0,6 0,3	500	0,18	5,8	1,2	*
7377 QQE 04/5	7-W Double-Tetrode	6,3 12,6	0,6 0,3	960	0,25	7	1,4	*
8042 QC 05/35	65-W Quick-Heating Beam-Tetrode	1,6	3,2	60 175	0,6 0,4	65 35	0,3 3,0	

\* both sections in push-pull