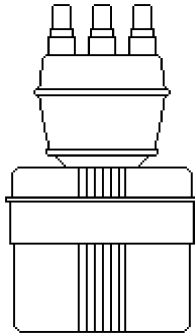




**TDP**  
**TUBE 6076 / QBL5/3500**

GENERAL DESCRIPTION



The 6076 / QBL5/3500 is a metal and glass air-cooled R.F. Power Tetrode specially designed to provide a long life at high power levels with exceptional stability. When operated according to specifications, this tube can safely dissipate up to 8.0 kilowatts. The 6076 has the same mechanical and electrical characteristics which are identical to the QBL5/3500.

TECHNICAL SPECIFICATIONS

ELECTRICAL

HEATING

Heating	direct; filament thoriated tungsten
Filament voltage	6.3 V
Filament current	32.5 A

CAPACITANCES

Anode to all other elements except grid No. 1	8.4 pF
Grid No. 1 to all other elements except anode	23.5 pF
Anode to grid No. 1	0.35 pF

TYPICAL CHARACTERISTICS

Amplification factor of grid No. 2 with respect to grid No. 1	8.5
Mutual conductance	19 mA/V

TEMPERATURE LIMITS (Absolute limits)

Temperature of the seals	max. 180 °C
Bulb temperature	max. 250 °C

MECHANICAL

Net weight of the tube	2.25 kg
Mounting position	vertical with anode down

Specifications may change without notice

THIS TUBE IS USED IN THE FOLLOWING SHORTWAVE BROADCAST TRANSMITTERS

Manufacturer	Transmitter specifications	Power in kW
	HF-50 C	50

Gates	HF-100 C	100
	HF-100	100

THIS TUBE IS AVAILABLE FROM

<b>Manufacturer</b>	<b>Rebuilder</b>	<b>Distributor</b>
Covimag	Econco	Richardson Electronics
Penta Laboratories		Thomas J. Bruckner

PRICE LEVEL (US\$)

1	2	3	4	5	6
0 - 10	10 - 100	100 - 1000	1000 - 10,000	10,000 - 50,000	50,000 - 100,000

2 3 4 5 6 8 BY C F ML Q RS TH YL

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