

BURLE Type 4632

The BURLE 4632 is a ceramic-metal, forced-air-cooled beam power tetrode designed for use in stationary and portable equipments. The high-gain-bandwidth products of the 4632 make it useful throughout the UHF-TV band.

General Data

Electrical

Frequency (Max.)	890	MHz
Heater:		
Voltage	5.5	V
Current	31	A
Mu-Factor (G1 to G2)	14	
Capacitance:		
G1-K	54	pF
G2-P	12	pF

Mechanical

Cooling	Forced Air
Max. Length	119.4 mm (4.70 in)
Max. Diameter	116.1 mm (4.57 in)
Weight	2.7 kg (6 lbs)
Operating Position	Any

Maximum Ratings

Anode Dissipation	5	kW
Grid-2 Dissipation	75	W

RF Amplifier - Class AB₁ Telegraphy Service

Typical Operation

Anode Voltage	3.7	kV
Grid-2 Voltage	0.8	kV
Anode Current	2	A
Drive Power	0.2	kW
Power Output	2.3	kW
Frequency	890	MHz

