

# 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 AB<sub>1</sub> 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

