BURLE Type 4677

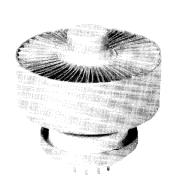
The BURLE 4677 is a forced-air-cooled beam power tetrode utilizing a low pressure drop radiator. It is designed for use as an RF amplifier, oscillator, regulator, distributed amplifier, or linear RF power amplifier in mobile or fixed equipment.

The terminal arrangement of the 4677 facilitates its use with tank circuits of the coaxial or strip-line type. Effective isolation of the output circuit from the input circuit is provided at the higher frequencies by the low-inductance ring terminal for the grid-2. A base-pin termination for grid-2 is also available for operation at lower frequencies.

General Data

Electrical

Frequency (Max.)	500	MHz
Voltage	13.5	V
Current	1.3	Α
Mu-Factor (GI to G2)	12	
Capacitance:		
GI-K	16.3	рF
G2-P	7	рF
Mechanical		
Cooling	Force	ed Air
Max. Length 57.4 m		
Max. Diameter	n (2.0	90 in)
Weight		
Operating Position		· Any
Maximum Ratings		
Anode Dissipation	.400	W
Grid-2 Dissipation	. 8	W
RF Amplifier - Class B Telegraphy Ser	vice	
Typical Operation		
Anode Voltage	2	kV
-	0.25	kV
Anode Current	0.3	Α



 Drive Power
 8
 W

 Power Output
 300
 W

 Frequency
 470
 MHz