



G-E TUNGAR BULB

Cat. No. 12X825
(RMA TYPE 4B35)

Tungar bulb, Catalog 12X825, is a half-wave argon type bulb, particularly well adapted for charging batteries used in telephone, telegraph, clock and alarm systems. Catalog 206501 is identical except that it is fitted with an adapter to take a clip anode lead. The discharge medium is argon gas.

GENERAL DESIGN

Number of electrodes.....	2
Cat. No. of Socket required:	
Cat. No. 12X825 tube.....	GE-278768
Cat. No. 206501 tube.....	Standard Edison
Cathode—thoriated tungsten filament:	
Voltage.....	2.0 ± 5%
Current, amperes, approx.....	13.5
Pre-heating time, typical seconds.....	0*
Tube voltage drop, volts d-c:	
Maximum.....	9.5
Minimum.....	5.0
Average during life.....	7.5
Starting (pick-up) voltage, volts d-c:	
Maximum.....	15
Minimum.....	9.5
Average during life.....	12.0
Net weight, ounces, approx.....	2
Shipping weight, ounces, approx.....	6
Length, inches, approx.....	4 1/4
Diameter, inches, approx.....	2 1/8

RATINGS

Maximum peak inverse voltage (half-wave circuit), volts.....	275
Maximum anode current:	
Average amperes.....	2.0
Instantaneous (peak) amperes, recurrent.....	12.0
Maximum d-c output, average volts.....	75

*Under normal ambient temperature conditions, this tube will deliver 90% of full output within three seconds after the simultaneous application of anode and filament voltages. Longer tube life may be obtained by applying the anode voltage one to three seconds later than the filament voltage.