ADMIRALTY SIGNAL ESTABLISHMENT

VALVE ELECTRONIC **CV1266**
(NU13A, AU12)

Specification AD/CV1266/Issue 4. Dated 17.6.47. To be read in conjunction with K1001, ignoring clause:- 5.8.	SECURITY Specn. Restricted Valve. Unclassified

TYPE OF VALVE:- High vacuum, half-wave rectifier.

CATHODE:- Directly heated, oxide-coated.

ENVELOPE:- Glass, clear.

PROTOTYPES:- U15, RZ1-250.

MARKING

See K1001/4.

BASE AND CONNECTIONS

L4

See K1001/AI/D6.

Pin	Electrode
1	Anode
2	Filament
3	Filament
4	No connection

RATING			Note
Filament Voltage	(V)	6.0	
Filament Current	(A)	2.0	
Max. R.M.S. applied Anode Voltage	(kV)	2.0	
Max. Peak Inverse Anode Voltage	(kV)	5.0	
Max. Peak Anode Current	(A)	1.5	
Max. D.C. Rectified Current	(mA)	250	A
Max. Reservoir Condenser	(μF)	4.0	
Min. Source Impedance	(ohms)	5.0	
Max. Continuous Anode Dissipation	(W)	30	

DIMENSIONS

See K1001/AI/D1.

Dimension	Min.	Max.
A mm.	-	185
B mm.	-	52

PACKING

See K1001/7.

NOTES

A. Applies for a condenser directly following 2 valves in a full-wave circuit.

B. The valve may be directly switched.

TESTS

To be performed in addition to those applicable in K1001.

	Test Conditions		Test	Limits		No. Tested
	Vf (V)			Min.	Max.	
a	6.0		If (A)	1.75	2.5	100%
b	6.0	Valves to be tested in pairs in a bi-phase half-wave circuit using a 4 µF. condenser, and a 20 H, 0.5 A choke; Va = 2 kV. RMS.	Load Test. Output at 5 kV. min. (mA)	500	-	100%
				Valves to be rejected for signs of blue glow, flashing or deterioration.		