



**RADIO MANUFACTURERS ASSOCIATION**  
**ENGINEERING DEPARTMENT**

RMA Release No. 428

August 20, 1945

sponsor:  
 General Electric Co.

Types

1B35, 1B36, 1B37, 1B38

Gaps

	<u>1B35</u>	<u>1B36</u>	<u>1B37</u>	<u>1B38</u>
Description	ATR	ATR	ATR	Pre-TR
Number of Electrodes	2	2	2	2
Cathode	Cold	Cold	Cold	Cold
Wavelength at Center Frequency (Fo), Centimeters	3.22	1.25	3.43	10.7
Voltage Standing Wave Ratio at Fo	25	25	25	1.05
Loaded Q	5.5	6	5.5	
Leakage Energy, Joules				$1.3 \times 10^{-4}$
Temperature Range, K				
Maximum	+100	+100	+100	+100
Minimum	- 40	- 40	- 40	- 40

