



**RADIO MANUFACTURERS ASSOCIATION  
ENGINEERING DEPARTMENT**

Release No. 444

October 5, 1945

RMA Type 1B58

sponsored by:  
Sperry Gyroscope Co., Inc.

**Band Pass TR Tube**

GENERAL CHARACTERISTICS

ELECTRICAL

Center Frequency	f2	10.7 cm
Band Pass Range (V.S.W.R. 1.65 max.)		10 to 11.3 cm

MECHANICAL

Ionizable Medium	Argon and water vapor
No. of electrodes	3, plus entrant and exit windows.
No. of Keep alive electrodes	2
Dimensions	See outline drawing
Mounting position	Any

MAXIMUM RATINGS

Transmitter Average Power	1000 watts	
Insertion Loss	f2	To be specified
* Keep alive firing time	T	5 sec.
Keep alive arc drop		To be specified
* Keep alive Interaction	f2	.1 DB
* Leakage energy		.4 ergs
Recovery time		To be specified

\* Method of measuring to be specified.



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