



ELECTRON TUBE DEPARTMENT ■ COMPONENTS DIVISION
INTERNATIONAL TELEPHONE AND TELEGRAPH CORPORATION, CLIFTON, NEW JERSEY

NOTE

THE DATA SHEETS INCLUDED HEREIN, REPRESENT RECOMMENDED TYPES FOR NEW EQUIPMENT DESIGN AND SHOULD NOT BE CONSTRUED AS AN INCLUSIVE CATALOG OF OUR COMPLETE TUBE LINE.

TECHNICAL DATA ON REPLACEMENT TYPES ARE AVAILABLE UPON REQUEST.

FOR YOUR FURTHER INFORMATION PLEASE REFER TO THE FOLLOWING SECTION WHICH PROVIDES A CONDENSED LISTING OF OUR TUBE PRODUCTS.



TRAVELING WAVE TUBES - CONDENSED LISTING

<u>FREQUENCY KMC</u>	<u>TYPE</u>	<u>POWER OUTPUT (WATTS)</u>	<u>DUTY</u>	<u>STYLE</u>	<u>REMARKS</u>
1.7 - 4.0	F-6658	2	CW	L	
1.7 - 4.0	F-6868	10	CW	L	
2.0 - 4.0	F-6825	1000	P	L	
2.0 - 4.0	F-6826	1000	P	L	GRIDDED
2.0 - 4.0	F-7338	1000	P	L	40 DB GAIN F-6826
2.0 - 4.0	F-7347	1000	P	S	GRIDDED
4.0 - 8.0	D-2023	1000	P	S	GRIDDED
4.0 - 8.0	X-370	10	CW	P	
4.0 - 8.0	X-282	10	CW	S	
4.0 - 8.0	D-2009	2	P	PK	
5.0 - 6.0	F-7848	2000	P	S	
5.0 - 6.0	F-7847	10	CW	S	
8.0 - 12.0	X-354	5	CW	P	
8.0 - 12.0	F-7524	5	CW	S	
8.0 - 12.0	F-7525	5	CW	PK	
8.0 - 12.0	F-7067	1	P	S	
8.0 - 12.0	X-368	.05	CW	P	
8.0 - 12.0	F-7066	.05	CW	S	
8.0 - 12.0	F-7526	.05	CW	PK	
8.0 - 9.6	F-7340	1000	P	L	GRIDDED
8.0 - 9.6	D-95A	1000	P	L	WAVEGUIDE 7340
8.0 - 9.6	D-95B	1000	P	L	FLYING LEAD 7340
8.0 - 9.6	D-2014	1000	P	L	SPECIAL 7340
8.0 - 9.6	F-6996	10	CW	L	
8.0 - 9.6	D-2013	10	CW	L	SPECIAL 6996
8.0 - 9.6	D-2020	10	CW	L	FLYING LEAD 6996
8.0 - 9.6	D-2024	10	CW	L	WAVEGUIDE 6996
8.0 - 9.6	F-7341	5	CW	L	GRIDDED
8.0 - 9.6	F-6867	0.1	CW	L	
8.5 - 9.6	F-7339	1000	P	L	

STYLE CODE

- L - LARGE DIAMETER (BOTH R-F LEADS AT SAME END)
- S - SMALL DIAMETER (BOTH R-F LEADS AT OPPOSITE ENDS)
- PK - PACKAGED WITH SOLENOID AS INTEGRAL PART
- P - PPM FOCUSED



TRAVELING WAVE TUBE SOLENOIDS - CONDENSED LISTING

TUBE TYPE	SOLENOID NUMBER	GAUSS	VOLTAGE (VOLTS)	CURRENT (AMPS)	COOLING	CASE DIMENSIONS			WEIGHT (LBS)
						H	W	L	
6658	RT-250,446	750	84	3.5	WATER	4-7/8	4-7/8	6-3/4	25
6658	RT-250,447	750	46	4.0	AIR*	9-1/32	5-23/32	6-3/4	15
6658	RT-90537	750	60	3.3	AIR*	5-3/16	5-3/16	6-13/16	14
6658	RT-90532	750	46	3.75	WATER	6-3/8	6-3/8	6-13/16	22
6825	RT-250,212	1200	85	8.3	AIR*	9	5-5/8	9-21/32	21
6826	RT-250,449	1200	25	25	AIR**	9-1/8	5-3/4	9-21/32	22
7338	RT-250,448	1200	84	8.8	WATER	6-3/4	8-1/8	11-3/16	25
7338	RT-250,444	1200	80	8.5	WATER	4-1/8	4-1/4	9-21/32	20
6867	RT-90549	1300	86	5	AIR*	10-1/4	6-1/8	5	17
6867	RT-250,199	1300	86	5.1	AIR***	10-1/4	6-1/8	6-3/8	15
6868	RT-90537	1000	80	4.4	AIR*	5-3/16	5-3/16	6-13/16	14
6868	RT-90532	1000	62	5.0	WATER	6-3/8	6-3/8	6-13/16	22
6868	RT-250,447	1000	62	5.3	AIR*	9-1/32	5-23/32	6-3/4	15
6868	RT-250,446	1000	115	4.6	WATER	4-7/8	4-7/8	6-3/4	25
6996	RT-250,447	1300	80	6.9	AIR*	9-1/32	5-23/32	6-3/4	15
7341	RT-90532	1300	80	6.5	WATER	6-3/8	6-3/8	6-13/16	22
D-2013	RT-90532	1300	80	6.5	WATER	6-3/8	6-3/8	6-13/16	22
D-2020	RT-90532	1300	80	6.5	WATER	6-3/8	6-3/8	6-13/16	22
D-2024	RT-90532	1300	80	6.5	WATER	6-3/8	6-3/8	6-13/16	22
7340	RT-250,451	2400	91	13	WATER	5-1/4	5-1/4	6-3/4	13
7339	RT-250,451	2400	91	13	WATER	5-1/4	5-1/4	6-3/4	13
D-95A	RT-250,451	2400	91	13	WATER	5-1/4	5-1/4	6-3/4	13
D-95B	RT-250,451	2400	91	13	WATER	5-1/4	5-1/4	6-3/4	13
D-2014	RT-250,451	2400	91	13	WATER	5-1/4	5-1/4	6-3/4	13
7347	RT-250,445	1200	115	4	WATER	4-1/4	4-1/8	9-1/2	18
7524	RT-250,452	1200	87	3.2	WATER	4-1/4	4-1/8	6-5/16	13

* - 400 CYCLE - 115 VAC BLOWER
** - 25 AMP. - DC BLOWER
*** - 60 CYCLE - 115 VAC BLOWER