

Collins Transmitters

Bulletin 101

Sheet No. 3

LIST OF PARTS FOR 33A PUSH-PULL POWER R.F. AMPLIFIER

(See Drawing No. 410)

Quantity Required	Symbol	Size	Rating	Description	Type No.	Price Ea.
1	C ₁	200 mmf.	.083" air gap	Plate Tank Condenser.....	TC-22	4.20
2	C ₂ C ₃	50 mmf.	.07" air gap	Neutralizing Condensers.....	410-B	2.40
1	C ₄	150 mmf.	.07" air gap	Grid Tank Condenser.....	413-B	4.05
3	C ₅ C ₆ C ₇	.002 mfd.	5000 V.	Stopping Condensers.....	1457	.60
(1)	L ₁	Amplifier Tank Inductance				
			1700 kc.	-----	1700A	3.00
			3500 kc.	-----	3500A	3.00
			7000 kc.	-----	7000A	3.00
			14000 kc.	-----	14000A	3.00
3		Radio Frequency Chokes, NAVY Type, pie-wound.....				.75
1		Inductance Plug-in Mounting.....			631F	.25
7		Isolantite Insulators.....			434	.50
9		Isolantite Bushings.....			483	.20
5		G.R. Midget Jacks.....			274-J	.08
2		Isolantite 50W Tube Sockets.....			161A	1.95
1		UX Wafer Socket.....				.06
4		G.R. 4 in. Dials with flush type indicators			317A	1.60
1		14" x 19" Formica Panel, completely drilled and engraved.....			633A	5.50
1		Aluminum Chassis, completely punched			33AC	2.50

LIST OF PARTS FOR 1200A POWER SUPPLY

(See Drawing No. 411)

Quantity Required	Description	Type No.	Price Ea.
1	Special Cadmium Plated Chassis, 14" x 17-16" x 2"	1200-AC	3.50
1	High Voltage Protective Cage for 566's.....	1200-CC	3.00
1	1200 Watt Power Transformer 1500-1500 V.....	CT-255	32.00
1	Filament Transformer delivering		
	10 V. — 15A. } 2.5 V. — 10 A. } 2.5 V. — 10 A. } 2.5 V. — 10 A. }	10,000 V. Insulation.....	1431
2	6 hy. Low Resistance Reactors, 600 ma.....		9.40
4	16 mfd. 500 V. Electrolytic Condensers.....	15-16	1.35
4	8 mfd. 500 V. Electrolytic Condensers.....	15-8	.75
1	20,000 ohm, 100 W. Bleeder Resistor.....	996	1.85
4	UX Wafer Sockets.....		.06
4	Special HV. Shields for same.....		.06