

First we need to make sure we have a complete compliment of component parts. Please use the following check list to ascertain this.

Designator	Description	QTY	Code	Check
R1, 2, 3, 4, 5, 6, 7, 8 29, 30, 31, 32, 33, 34 35, 36	10Ω 1/2W Carbon Film Resistor	16	Brown-Black-Black	<input type="checkbox"/>
R9, 10, 11, 12, 13, 14 15, 16, 17, 18, 19, 20 21, 22, 23, 24, 25, 26, 27, 28, 37, 38, 39, 40, 41, 42, 43, 44	100Ω 2W Carbon Film Resistor	20	Brown- Black- Brown	<input type="checkbox"/>
R45, 46, 47, 48	4.7Ω 2W Carbon Film Resistor	4	Yellow-Violet-Gold	<input type="checkbox"/>
C1, 2, 63, 64	270pf Silver Dipped Mica Capacitor	4	270 or 271 / 500V	<input type="checkbox"/>
C3, 4, 5, 6, 7, 8, 9, 10 55, 56, 57, 58, 59, 60 61, 62	0.01uf Ceramic Disc Capacitor	16	0.1 or 103	<input type="checkbox"/>
C11, 12, 13, 14, 69, 70, 71, 72	330pf Silver Dipped Mica Capacitor	8	330 or 331 / 500V	<input type="checkbox"/>
C15, 16, 17, 18, 65, 66, 67, 68	1000pf Metal Clad Capacitor	8	1000	<input type="checkbox"/>
C19, 20, 21, 22, 23, 24, 25, 26, 47, 48, 49, 50, 51, 52, 53, 54	120pf Silver Dipped Mica Capacitor	16	120 or 121 / 500V	<input type="checkbox"/>
C29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44	.1uf Ceramic Disc Capacitor	16	.1 or 104	<input type="checkbox"/>
C27, 28, 45, 46	150 pf Metal Clad Capacitor	4	150	<input type="checkbox"/>
C73, 74	82pf Silver Dipped Mica Capacitor	2	82 or 820 / 500V	<input type="checkbox"/>

Designator	Description	QTY	Code	Check
C75	40-50pf Silver Dipped Mica Capacitor	1	40-50 / 500V	<input type="checkbox"/>
C76	25-150pf Tube in Tube Variable Capacitor	1	PSF# VC150	<input type="checkbox"/>
C77	22 uf Electrolytic Capacitor	1	22 uf / 25V	<input type="checkbox"/>
C78	10 pf Ceramic Disc Capacitor	1	10	<input type="checkbox"/>
D1	3A / 1000V PIV Silicon Rectifier	1	1N5408	<input type="checkbox"/>
D2	1A / 1000V PIV Silicon Rectifier	1	1N4007	<input type="checkbox"/>
D3	Glass Signal Diode	1	1N4148	<input type="checkbox"/>
D4	LED Indicator assy.	1	Green LED / Resistor Pkg.	<input type="checkbox"/>
D5	LED Indicator assy. w/ 18" GND Lead	1	Red LED / Resistor Pkg.	<input type="checkbox"/>
TR1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	250 Watt RF Power Transistor	16	2SC2879	<input type="checkbox"/>
TR17	NPN Switching Transistor / TO-92	1	PN2222A	<input type="checkbox"/>
FC1, 2, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41	1/2" x 1/2" Ferrite Core	24	PSF# FC.5	<input type="checkbox"/>
FC3, 4, 5, 6, 21, 22, 23, 24, 25, 26, 27, 28, 29	1/4" x 1/2" Ferrite Core	13	PSF# FC.25	<input type="checkbox"/>
T1, 2, 3, 4, 5, 6, 7, 8	1/2" x 1/2" Ferrite Transformer Core	8	PSF# FT.5	<input type="checkbox"/>
T9, 10, 11, 12, 13, 14, 15, 16	.825" x 1-1/2" Ferrite Transformer Core	8	PSF# FT.825	<input type="checkbox"/>
SW1	SPST Switch	1	PSF# SW1	<input type="checkbox"/>
RLY1	DPDT Relay 12V Coil /20A Contacts	1	PSF# RLY20	<input type="checkbox"/>
FAN1, 2, 3, 4	4.7" Fan Assy.	4	PSF# FAN4.7	<input type="checkbox"/>

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FG1, 2, 3, 4	4.7" Fan Guard	4	PSF# FG4.7	<input type="checkbox"/>
Conn1, Conn2	Panel Mount SO239 UHF Connector	2	PSF# SO-239B OR SO-239T	<input type="checkbox"/>
Conn3	1/4" Stereo Phone Jack	1	PSF# PJ-2	<input type="checkbox"/>
Cabinet	Aluminum Enclosure Assy.	1	PSF# AE-GRAND	<input type="checkbox"/>
HS1, 2	Aluminum Heat Sink	2	PSF# AHS-LG	<input type="checkbox"/>
CB1	Pre-Drilled Copper Clad Circuit Board	1	PSF# CCB-GRAND	<input type="checkbox"/>
CB2	Power Buss Circuit Board 8" x 1"	1		<input type="checkbox"/>
PS1, 2, 3, 4	8 Position Pre-Cut Transistor / Pill Strips	4	PSF# PS8X	<input type="checkbox"/>
SCK1, & SCK2	LED Mounting Clip (with D4 & D5)	2		<input type="checkbox"/>
WIRE-1	40" Length of #20 Silver/Teflon Wire (8 x 5" / Input Transformer Chokes)	1	PSF# TEF20	<input type="checkbox"/>
WIRE-2	320" Length of #16 Silver/Teflon Wire (4 x 25-1/2" / Input Transformer Windings) (4 x 40" / Output Transformer Windings) (8 x 6" / Splitter & Combiner Windings) (2 x 2-1/2" / CONN1 & CONN2 to RLY1 Leads) (1 x 5" / C76 Lead)	1	PSF# TEF16	<input type="checkbox"/>
WIRE-3	66" Length of #14 Silver/Teflon Wire (8 x 8" / Output Transformer Power Chokes) (1 x 2" / RLY1 Jumper)	1	PSF# TEF14	<input type="checkbox"/>
WIRE-4	25" Length of #22 Hook-up Wire (Red)	1		<input type="checkbox"/>
WIRE-5	26" Length of #22 Hook-up Wire (Blue)	1		<input type="checkbox"/>
WIRE-6	12" Length of #20 Hook-up Wire (Red)	1		<input type="checkbox"/>
WIRE-7	24" Length of #8 Red Power Cable	4		<input type="checkbox"/>
BRAID	3" Length of Ground Braid w/ Bolt & Nut	1		<input type="checkbox"/>
COAX	136" Length RG316 High Temp Coax (4 x 19" / Input Coax Cables) (4 x 15" / Output Coax Cables)	1	PSF# RG316	<input type="checkbox"/>

Designator	Description	QTY	Code	Check
#12CW	24" #12 Solid Copper Wire (2 x 12" / L1 & L2 Loading Coils)	1		<input type="checkbox"/>
HDW1	Hardware Kit (See Below)			
	SHCS #4 40 x 1/4" Socket screw (Transistor Mounting)	32		<input type="checkbox"/>
	SHCS #6 32 x 1/4" Socket screw (Enclosure Cover Mounting)	14		<input type="checkbox"/>
	Pan Head Sheet Metal Screw (Main Board to Enclosure Mounting)	6		<input type="checkbox"/>
	Pan Head Machine Screw #6 32 x 1/2" (SO-239 & Rubber Feet Mounting)	8		<input type="checkbox"/>
	Pan Head Machine Screw #6 32 x 3/16" (Main Board to Heat Sink Mounting)	12		<input type="checkbox"/>
	#6 Lock Washer (SO-239 & Rubber Feet Mounting)	6		<input type="checkbox"/>
	#6 32 TPI Machine Nut (SO-239 Mounting)	4		<input type="checkbox"/>
	#6 Solder Lug (SO-239 & Fans)	6		<input type="checkbox"/>
	Pan Head Machine Screw #8 32 x 1-1/2" (Fan Mounting)	16		<input type="checkbox"/>
	#8 32 TPI Machine Lock Nut (NYLOCK) (Fan Mounting)	16		<input type="checkbox"/>
	Rubber Feet	4		<input type="checkbox"/>
	Bushing	1		<input type="checkbox"/>
	Heat sink lubricant	1		<input type="checkbox"/>
	Label Sheet	1		<input type="checkbox"/>
	1/2" Length 1/8" Heat Shrink Tubing	2		<input type="checkbox"/>
	4" Cable Tie	8		<input type="checkbox"/>