

POWER AMPLIFIER

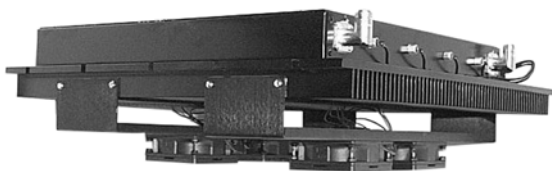
150 - 430 MHz

ELECTRICAL SPECIFICATIONS

Model Number	VHF150-250H8R1	UHF400-45H15R1	UHF400-90H5R1	UHF400-130H5R1	UHF400-130H40R1
Frequency Band (MHz)	150-174	380-430	380-430	380-430	380-430
Emission	FM Continuous	FM Continuous	FM Continuous	FM Continuous	FM Continuous
Input Power	4 W	10-15 W	3-5 W	12 W	24 W
Output Power	250 W	45 W	90 W	150 W	300 W
Current	10 A	8 A	16 A	11 A	22 A
Fan	No	Yes	Yes	Yes	Yes
System Voltage	48 VDC	13.6 VDC	13.6 VDC	28 VDC	28 VDC
Impedance	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω
Harmonic Suppression	65 dBC	65 dBC	65 dBC	65 dBC	65 dBC
VSWR	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1
Temperature Range	- 22 to +140 °F - 30 to +60 °C	- 22 to +140 °F - 30 to +60 °C	- 22 to +140 °F - 30 to +60 °C	- 22 to +140 °F - 30 to +60 °C	- 22 to +140 °F - 30 to +60 °C
List Price	\$2,920.00	\$765.00	\$1,320.00	\$1,390.00	\$1,390.00

MECHANICAL SPECIFICATIONS

Dimensions: Inches (HxWxD)	17 1/2 x 19 x 3	5 1/4 x 19 x 5 1/2	5 1/4 x 19 x 5 1/2	8 3/4 x 19 x 5 1/2	8 3/4 x 19 x 5 1/2
Metric	445 x 483 x 77	134 x 483 x 140	134 x 483 x 40	223 x 483 x 140	223 x 483 x 140
Connectors	N Female	N Female	N Female	N Female	N Female
Finish	Chem Film	Chem Film	Chem Film	Chem Film	Chem Film
Ship Weight: lbs.	26	11	11	15	15
kg.	11.8	5.0	5.0	6.9	6.9



VHF150-250H8R1



UHF400-45H15R1



UHF400-90H5R1

FM CONTINUOUS