

POWER AMPLIFIER

134 - 174 MHz

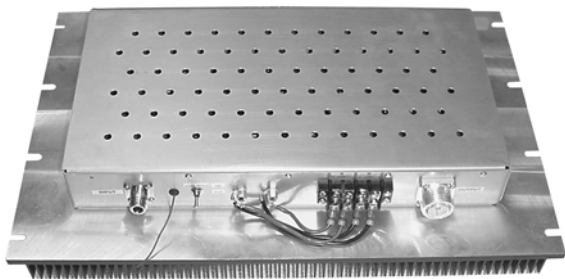
ELECTRICAL SPECIFICATIONS

| Model Number | VHF150-500H5R1 | VHF150-30H6R1 | VHF150-60H6R1 | VHF150-100H6R1 | VHF150-100H22R1 |
|----------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Frequency Band (MHz) | 134-174 | 150-174 | 150-174 | 150-174 | 150-174 |
| Emission | FM Continuous | FM Continuous | FM Continuous | FM Continuous | FM Continuous |
| Input Power | 4-6 W | 6 W | 6 W | 6 W | 22 W |
| Output Power | 500 W | 30 W | 60 W | 100 W | 100 W |
| Current | 20 A | 4 A | 11 A | 15 A | 12 A |
| Fan | Yes | No | No | No | No |
| System Voltage | 48 VDC | 13.6 VDC | 13.6 VDC | 13.6 VDC | 13.6 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 | \$3,865.00 | \$1,000.00 | \$1,170.00 | \$1,295.00 | \$1,045.00 |

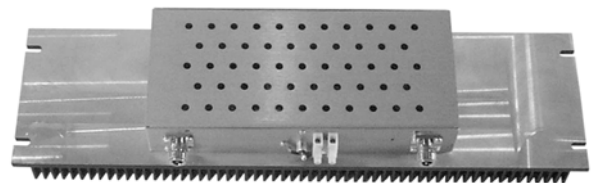
MECHANICAL SPECIFICATIONS

| Dimensions: Inches (HxWxD) | Metric | 5 3/4 x 19 x 12 1/4 | 6 x 19 x 3 | 6 x 19 x 3 | 5 1/2 x 19 x 3 | 5 1/4 x 19 x 3 |
|-------------------------------|--------|---------------------|----------------|----------------|----------------|----------------|
| | | 147 x 483 x 312 | 153 x 483 x 77 | 153 x 483 x 77 | 140 x 483 x 77 | 134 x 483 x 77 |
| 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. | | 42 | 10 | 10 | 10 | 11 |
| kg. | | 19.1 | 4.6 | 4.6 | 4.6 | 5.0 |

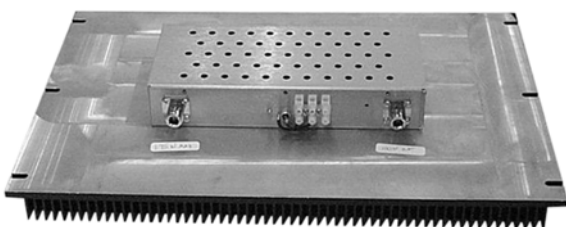
Contact factory for higher & lower input powers.



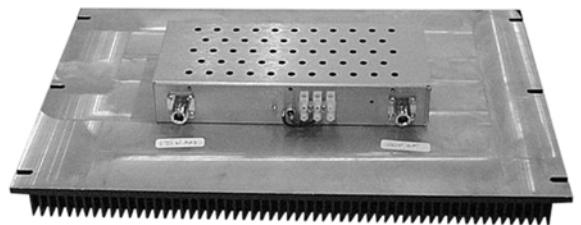
VHF150-500H5R1



VHF150-30H6R1
VHF150-60H6R1



VHF150-100H6R1



VHF150-100H22R1

FM CONTINUOUS