

POWER AMPLIFIER

450 - 870 MHz

ELECTRICAL SPECIFICATIONS

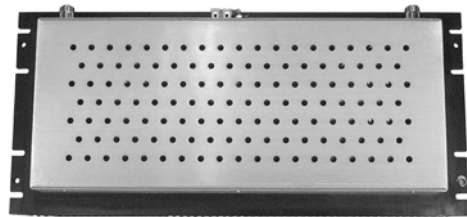
| Model Number | UHF450-50H12R1 | UHF450-190H40R1 | HUHF800-40H2R1 | HUHF800-80L250R1 | HUHF800-80H4R1 |
|----------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Frequency Band (MHz) | 450-490 | 450-490 | 850-870 | 850-870 | 850-870 |
| Emission | FM Continuous | FM Continuous | FM Continuous | FM Continuous | FM Continuous |
| Input Power | 12 W | 24 W | 2 W | 250 mW | 4 W |
| Output Power | 150 W | 300 W | 40 W | 80 W | 80 W |
| Current | 11 A | 22 A | 6 A | 15 A | 12 A |
| Fan | Yes | Yes | No | Yes | Yes |
| System Voltage | 28 VDC | 28 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 | \$765.00 | \$2,225.00 | \$1,180.00 | \$1,875.00 | \$1,800.00 |

MECHANICAL SPECIFICATIONS

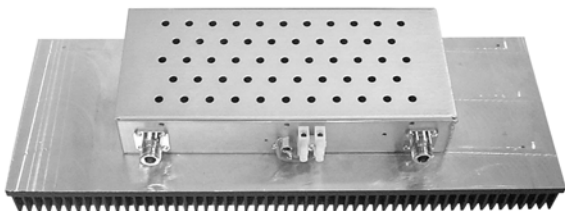
| | | | | | |
|-------------------------------|--------------------|-----------------|-----------------|-----------------|-----------------|
| Dimensions: Inches (HxWxD) | 5 1/4 x 19 x 5 1/2 | 8 3/4 x 19 x 6 | 8 3/4 x 19 x 6 | 8 3/4 x 19 x 6 | 8 3/4 x 19 x 6 |
| Metric | 134 x 483 x 140 | 223 x 483 x 153 | 223 x 483 x 153 | 223 x 483 x 153 | 223 x 483 x 153 |
| 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. | 11 | 15 | 15 | 15 | 15 |
| kg. | 5.0 | 6.9 | 6.9 | 6.9 | 6.9 |



UHF450-50H12R1



UHF450-190H40R1



HUHF800-40H2R1



HUHF800-80L250R1
HUHF800-80H4R1

FM CONTINUOUS