

3-20 Watt QAM 64 Amplifiers in One



- 3 Amplifiers in one 5U case
- Class A/AB ultra linear operation
- Full VSWR, temperature, overdrive, current, low voltage, RF input level
- Color touch screen
- Ethernet remote monitoring and control
- SNMP Control

RF CHARACTERISTICS

<i>Frequency Range</i>	UHF 470 - 860 MHz
<i>Rated output Power</i>	20 Watt @ 64 QAM per channel
<i>Input Impedance</i>	50 Ohm
<i>Output Impedance</i>	50 Ohm
<i>Digital Signals</i>	64 QAM, DVB-T/H, ATSC
<i>MER</i>	36 dB using Vecima UCM4540
<i>S/N</i>	47.5 dB using Vecima UCM4540

PHSICAL CHARACTERISTICS

<i>Lightweight Enclosure</i>	55 lbs Aluminum
<i>19" Rack Rails</i>	complete with 2 pairs of rack ears
<i>Amplifier</i>	5U case 8.75"H x 25"D x 19"W
<i>Operating Temperature</i>	0 to +50° C
<i>Humidity</i>	90% non condensing
<i>Built in Components</i>	Color touch screen display, directional couplers, temp sensors, digital control board
<i>Monitor and Control</i>	SNMP, Ethernet, DB25 Remote Port (Power up - down, reset, Power on - off. Current monitoring, overdrive protection, VSWR Protection (adjustable), monitor forward and reflected power, high RF input, low DC voltage)

ELECTRICAL CHARACTERISTICS

<i>Universal AC input</i>	88 - 264 Vac, 47-63 Hz
<i>EMI filtered Max AC Power</i>	7 amp @110 Vac, 3.5 amp @220 Vac

* Due to continuous product improvements, Technalogix reserves the right to change specifications without notice.