

**Digital power amplifiers**



- Liquid Crystal Display Front panel monitoring
- Remote monitoring 25-pin interface connection
- 2-Stage amplification
- Class A Driver, Class A/B final
- Made in North America

**RF CHARACTERISTICS**

<i>Frequency Range</i>	UHF 470 - 860 MHz
<i>Input Power</i>	0 dBm
<i>Rated Output Power</i>	25 Watt @ 64 QAM
<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>	38 lbs Aluminum
<i>Amplifier</i>	3U case 5"H x 24"D x 19"W
<i>Operating Temperature</i>	0 to +45° C
<i>Humidity</i>	90% non condensing
<i>Monitor and Control</i>	DB25 Remote Port ( Power up - down, reset, Power on - off, 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>	3 amp @110 Vac, 1.5 amp @220 Vac

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