



ULTA-10R3

0.25MHz to 220MHz | Class-A

10W | 22dB typ. gain

Ultra Linear Broadband Laboratory Amplifier

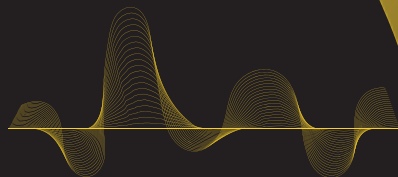
Professional ultra linear class-A broadband amplifier built on latest LDMOS technology, with high gain and wide frequency response, for laboratory grade tests and measurements. Outstanding linear performance: low harmonics distortion and IMD products.

Optimized for signal purity not for power consumption, it was designed and built especially to characterize the IMD products and harmonics for SSPA in HF-VHF, where ultra low distortion is needed. Built in a compact case, externally supplied, with enhanced forced-air cooling. Operation over the band is achieved without any band switching or additional filtering.



compatible with all signal sources (sig. generators, freq. synthesizers, sweep generators)

Power output P1dB	+44dBm
Gain	22dB typ.
Third Order Intercept Point IP3	64dBm typ.
3rd Order Intermod. Dist. IMD3	-70dBc
2nd harmonic (@ P1dB)	-65dBc
3rd harmonic (@P1dB)	-57dBc



**suitable for AM, FM, CW, SSB, pulsed
and other complex modulation
schemes**



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Calea Turnisorului 36, Sibiu, ROMANIA

Data Sheet:



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