



CLEARSTREAM PA-19™

The flagship of Antennas Direct commercial-grade, low-noise pre-amplifiers designed and optimized for the current broadcast DTV spectrum.



Poorly designed amplifiers often do more harm than good due to their poor overload performance, noise, and distortion which can overwhelm digital tuners, effectively wiping out reception.

The ClearStream™ PA-19 Pre-amplifier is “Best in Class” for commercial-grade performance in an affordable, compact design. Offering outstanding low-noise values, modest gain and excellent resistance to overload, the CPA-19 represents a breakthrough in terms of overall balanced performance.

The IMD (distortion and overload) performance of the ClearStream™ amplifiers is superior to consumer grade antenna amplifiers currently available and the noise figure is among the best we have ever measured. The fact that it has modest gain is also important, as it will not saturate too quickly and overdrive the DTV receivers.

Unlike many amplifiers at a similar price point, the CPA-19 delivers excellent performance across all current broadcast DTV bands. It does so while offering the ability to handle extreme ratios of strong to weak signal strength with little distortion or interference.

The innovative weatherproof enclosure incorporates excellent heat dispersion with additional cooling fins, which can also use the antenna mast as a supplemental heat sink, maintaining consistent performance even in warm environments.



CLEARSTREAM PA-19™



- Max Gain: 18.4 dB VHF
17.3 dB UHF
- Noise Figure:
Min 1.7 dB VHF; 2.0 dB UHF
Typical: 1.9 dB VHF; 2.2 dB UHF
- Impedance: 75 Ohm input F connection
- IMD: Third Order Intercept Point
Single tone power referred to output
High VHF average value: 29.6 dB
UHF average value: 28.6 dB

| SKU # | Master Carton | Item Description | Retail |
|-------|---------------|--------------------------------------|---------|
| CPA19 | 6 | ClearStream™ Ultra Low Noise Pre Amp | \$79.99 |

