



TriAccess Technologies is a leading provider of CATV and FTTH RF specific integrated circuits for the amplification of high quality multimedia content. To enable full services, emerging networks are growing ever-deeper, expanding in bandwidth, and increasing in switched content. These systems are placing higher demands on RF amplifiers in terms of performance and efficiency. Whether it's for Edge QAM demands, for drop amplifiers, or anywhere in between, TriAccess Technologies provides end-to-end, Curb to Carport™ RF amplification.

Single Ended Amplifiers

The TAT7460 provides high efficiency, low noise gain for a variety of cable applications. At 75 Ohms, it uniquely provides amplification across a full 50-2600 MHz bandwidth. The TAT7460 excels in low noise and return loss, while maintaining strong distortion performance.

The TAT7461 is optimized for CATV home amplifier applications, performing particularly well against stringent CATV Multiple System Operator specifications. In anticipation of potential bandwidth utilization, the TAT7461 operates to 1300 MHz.

Push Pull Amplifiers

For high output low distortion applications, the TAT7464 (50-2600MHz) and the TAT7466 (50-1000 MHz) reduce power consumption by up to 50%. Using the core technology of the TriAccess Technologies single ended amplifiers, these push pull amplifiers are ideally suited for Edge QAM as well as Multi Dwelling and other distribution applications.

Optical Receiver Amplifiers

The TAT6254C CATV is designed for the highest levels of FTTH and mini-node performance. The low-noise front end amplifier integrated with a dual output post amplifiers supports over 33 dB gain, over 30 dB of gain adjust range, and delivers 19 to 24 dBmV per channel in a single chip solution.

The new TAT6280 is a highly integrated solution combining integrated gain control, temperature compensated RF power detection, and proven multi-stage high gain amplification into a single RFIC. By integrating the gain control and power detection, TriAccess brings design simplicity to new levels.

