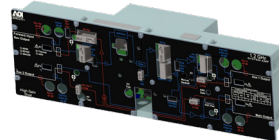


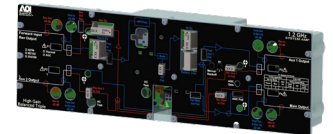
**QUANTUM12™ HGD AND HGBT
1.2GHZ SYSTEM AMPLIFIERS**

The Quantum12 HGBT & HGD System Amplifiers serve as the latest solution for upgrade and replacement of existing System Amplifier CATV networks. These amplifiers, adept at enhancing TV signals, guarantee consistency and improved quality across the network. Their compatibility with existing GainMaker SA Housings ensures cost and time efficiency, while the built-in surge-resistant design continues to offer enhanced protection, while providing the highest quality to ensure the long-lasting performance and reliability.

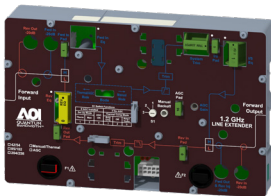
Quantum12™
HGD 1.2GHz System Amplifier



Quantum12™
HGBT 1.2GHz System Amplifier



Quantum12™
LE 1.2GHz Line Extender



QUANTUM12™ LE 1.2GHZ LINE EXTENDER

The Quantum12 LE 1.2GHz Line Extender continues to stand out as the leader in providing high-quality signal transmission for CATV networks with a best-in-class reliability performance. The robust design enables a seamless integration with GainMaker LE Housings, this Line Extender guarantees optimum performance. The utilization of advanced GaN technology ensures superior network performance, and its familiar user-friendly design facilitates easy maintenance.

About Quantum Bandwidth

AOI's Quantum Bandwidth products provide cost-effective, high-speed data connectivity. With a team of experienced CATV engineers based in Atlanta, GA, and Sugar Land, TX, AOI designs cutting-edge products to meet the demands of reliable high-speed bandwidth delivery. AOI's decades of experience in CATV equipment and in-house manufacturing provide end-to-end control of Quantum Bandwidth product design, quality, and manufacturing.