



## ODU – 230S/ 250S/ 350S 802.16e Wave2 Outdoor CPE

Wireless Broadband  
Total Solutions Provider

Rather than a new technology to replace wires, WIRELESS refers to a new lifestyle - a smarter way for a better world. People can be free from the tangle of wires and enjoy the utmost mobility. Gemtek helps to realize this vision. We provide people a simple, intuitive and "no-programming" approach to enjoy the power of wireless communication.

Gemtek is the world-leading provider of Wireless Broadband solutions, offering a wide range of solutions from residential to business. On the strength of technological excellence, Gemtek has earned the reputation for delivering high-performing and solidly reliable wireless solutions. It's Gemtek's vision to create a communication world without physical boundaries. Individuals can access the information anywhere. Gemtek is in the business of helping the world to realize the enormous potential of a wireless broadband world.

### Why WiMAX

WiMAX is an acronym that stands for Worldwide Interoperability for Microwave Access, a certification mark for products that pass conformity and interoperability tests for the IEEE 802.16e standards. WiMAX is a standards-based wireless technology that provides high-throughput broadband connections over long distances and mobile environment. WiMAX can be used for a number of applications, including "last mile" broadband connections, mobile broadband wireless service and high-speed backhaul, enterprise connectivity.

### Why Gemtek

Gemtek is a dedicated and experienced wireless professional solution provider since last 20 years. As a principle member in WiMAX Forum, Gemtek started developing WiMAX product since 2004, and have the commercial product from January 2006. Gemtek provide one-stop shopping service, professional system integration and best-in-class ODM /OEM manufacturing to the customers.

### Performance

ODU-Series outdoor modem feature dual polarization antenna to provide MIMO technology, both Matrix-A and Matrix-B. Combine with powerful RF circuit design, highly Integrated SW and robust outdoor environmental enclosure, the ODU-Series outdoor modem serves best- in-class outdoor coverage and throughput.

### Benefit

Fully 16e wave2 Feature support  
Best-in-class Radio Performance  
Highly integrated SW features

Robust Environmental Design  
Multiple QoS Support



