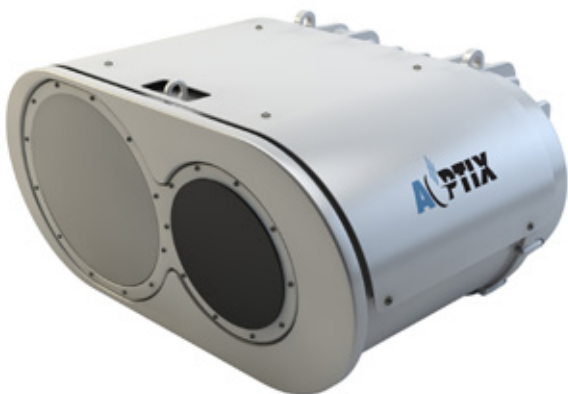




IntelliMax[™] Product Series

The Bandwidth Breakthrough

- 2 Gbps CIR
- Highest Availability to 10 km
- Automated Link Alignment



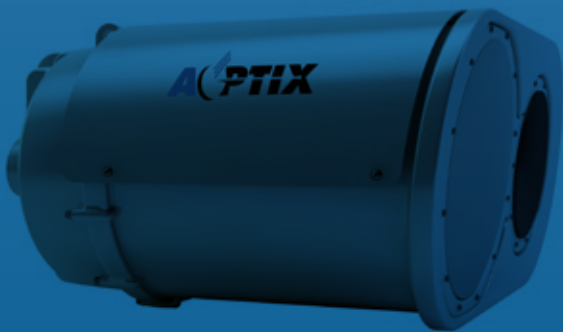
The origins of *IntelliMax*[™] were derived from AOptix Defense lasercom systems. This advanced technology provided 10 Gbps ground/air and air/air wireless transport over distances up to 200 km.

Leveraging these accomplishments, *IntelliMax*[™] achieves a major breakthrough in wireless rate & reach for terrestrial data transport, offering 6X more channel capacity than microwave technology and 2X more distance than millimeter wave technology. These products can be used on any tower or rooftop platform and require minimal linear space. The size, rate and reach advantages of *IntelliMax*[™] offers the lowest cost/Gigabit/km solution available.

- Backhaul
- Government
- Enterprise

The *IntelliMax*[™] solution offers 3 performance advantages:

- Multi-gigabit data rates on any tower platform
- Longest distance wireless transport for 2 Gbps
- Automated precision alignment within minutes



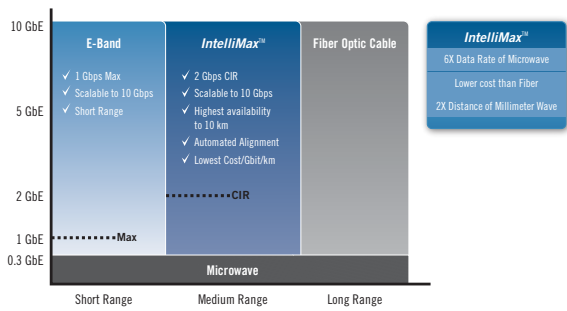
The *IntelliMax*[™] Product Series includes:

1. Model MB-2000 – mobile backhaul
2. Model LL-3000 – low latency markets

Data sheets are available with detailed performance specifications.

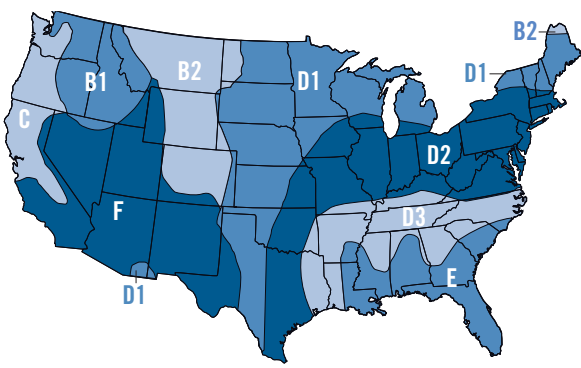
4G and Broadband: Rate and Reach

IntelliMax™ fills the void in today's high data rate wireless networks. This carrier class solution offers the availability equivalent of fiber cable at a fraction of the cost.



Crane Availability Map

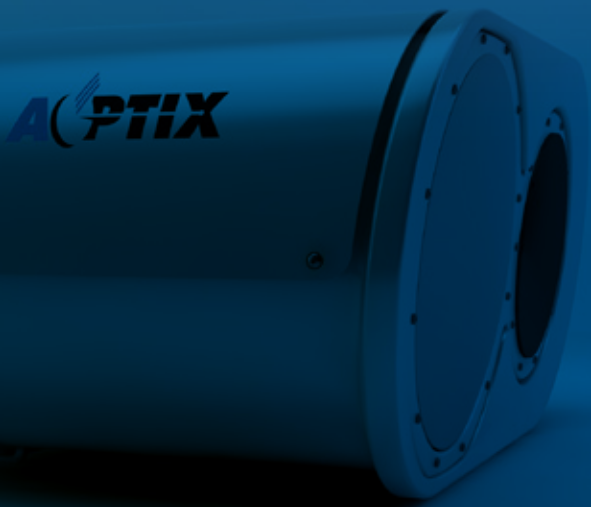
IntelliMax™ products offer the longest distance wireless coverage for multi-gigabit transport in each of the Crane regions.



Median Link Range (km)			
	99.9%	99.99%	99.999%
B1	9.3	6.6	5.1
B2	9.0	5.8	4.4
C	9.0	6.4	4.9
D1	7.6	4.6	2.7
D2	6.7	4.3	2.5
D3	5.9	3.3	2.2
E	5.7	2.8	1.9
F	9.8	6.2	4.4

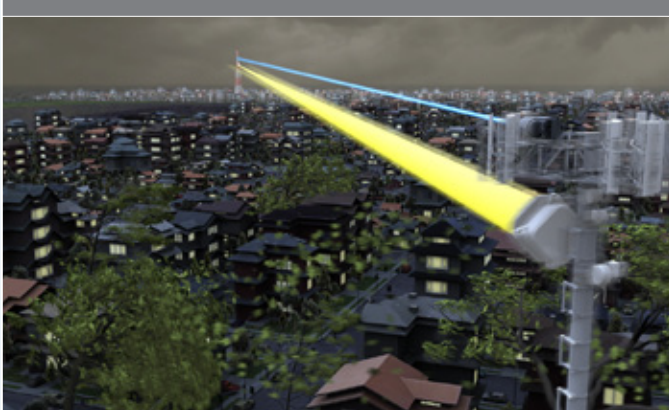
Based on real weather data from 700 cities over a 10 year period.

The *IntelliMax*[™]
product series
future proofs
wireless networks



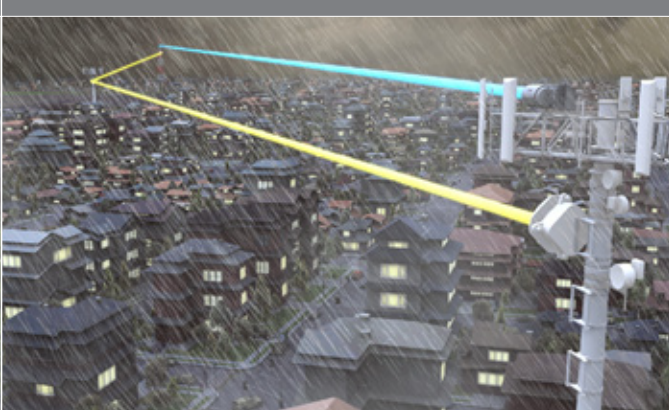
Compensates for:

- Heavy Wind
- Sun Loading
- Ice & Snow Build-up



Mitigates Weather Disturbances:

- Heavy Rain
- Thick Fog
- Snow/Sleet/Hail



Simplifies Install and Alignment:

- Precision Accuracy
- Repeatable Results
- Verified Performance



ACTIVE BEAM STEERING (ABS)

Compensates for tower twist & sway up to $\pm 3^\circ$

Real-time steering enables *IntelliMax*[™] products to be placed virtually on any type of tower structure without imposing the stringent/costly stability requirements typical of other wireless solutions. ABS opens up new usable space on existing towers.

ADVANCED WAVELENGTH DIVERSITY (AWD)

Mitigates weather disturbances

This spectrum diversity solution enables distances up to 10 km with carrier class availability at 2 Gbps. The two wavelengths have diverse performance characteristics that complement each other in severe weather conditions.

POINT ACQUIRE & TRACK (PAT)

Simplifies installation & alignment

Within minutes the side lobes are located and the center of the main lobe is pin-pointed. The built-in prompts guide the user through a set of coordinated steps at each end of the link to arrive at the precise center of the main lobe.

Multi-gigabit rates on any platform

Longest distances for 2 Gbps

Automated alignment in minutes



AOptix Technologies, Inc.

675 Campbell Technology Parkway
Campbell CA 95008

P. 408.558.3300

F. 408.558.3301

www.aoptix.com