

Your high-speed broadband service may be coming by air, delivered by lasers...



Making fast broadband more accessible

Digital optical wireless—Japan is already using it, and Hamamatsu is a leader in the technology. It uses lasers to deliver ultra-fast broadband service *through the air*.

Eliminating the time, expense and disruption of installing new fiber optic cable.

Traveling on a direct line of sight, these laser communications are two-way, secure and capable of gigabit-per-second speeds! Some of the laser modules are very small and light. And they incorporate patented Hamamatsu laser technology that simplifies installation and takes care of beam alignment.



Communications can be from one building-top to another, or even to a specific window.

Hamamatsu is opening the new frontiers of Light * * *

Enhancing many applications

Available in a range of capacities and speeds, these systems can enhance local area networks in many different company and factory environments.



Roof and window installation costs less, eliminating sidewalk excavation.

They can also provide direct high-speed television links for numerous applications in education, medicine and commercial broadcasting.

Optical wireless: just one more way Hamamatsu's photonics innovation is making life better. For science, for mankind, we're helping to open the new frontiers of Light.

<http://jp.hamamatsu.com/en/rd/publication/>

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Photon is Our Business