

Instructor Corner**A Primer on Optical Amplifiers**

Attenuation is major concern in every fiber optic system. The further a digital signal travels, the more its strength diminishes. Every splice, every connector, and even the fiber itself will contribute a tiny bit more to the overall system loss. Fortunately, for spans that are too long or have losses that are too great, a solution exists in the form of optical amplifiers.

[Read More](#)**Did you know....****Winter can be hard on test equipment?**

Extreme temperatures, both cold and hot, affect both technicians and their test equipment. Job sites may be thermally regulated, which is good. But technicians need to remember their optical and electrical test equipment rode over in the vehicle with them. Leaving equipment in a vehicle overnight exacerbates the issue.

[Read More](#)**The Value of an ETA Certification**

Teresa Maher, CSS, President of ETA International says, "Fiber Optics technical certifications have been the most highly sought ETA certification for the past ten years. Light Brigade is one of the well-regarded training partners for those fiber certifications. Individuals seeking fiber optics training today are able to obtain excellent theory and hands-on training along with an ETA accredited certification to validate their training. Installation of fiber optics inside or outside plant, including complex test equipment usage, makes a Light Brigade trained and ETA certified technician the go-to person for answering the need for bandwidth in today's quickly evolving technology-based world."

[Read More](#)**Light Brigade Adds Two Fiber Optic Design and Engineering Courses**

Light Brigade is partnering with Fiber Insight to offer design and engineering customers two new course options—Certified Optical Network Associate (CONA) and Certified Fiber Characterization Engineer (CFCE).

[Read More](#)**New Fiber Optics for Enterprise Networks Training Course**

We built our new course from the ground up, collaborating with other industry leaders to create content that has the latest technology and best practices for enterprise and data center network design, installation, testing and troubleshooting.

[Learn More](#)**New Training Course: Fiber to the Antenna**

This hands-on course focuses on the integration and installation of optical components in order to successfully establish connectivity in FTTA and cell tower networks including macrocell, microcell, femtocell, picocell and DAS applications.

[Learn More](#)**Additional Information**

- [Schedule of Upcoming Classes](#)
- [Special Events Calendar](#)
- [Fiber Optic Product Catalog](#)
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