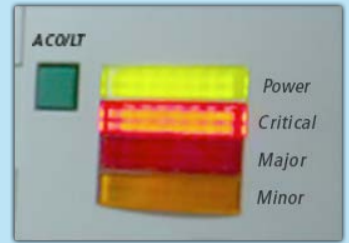


Instructor Corner

Troubleshooting Non-fiber Related Problems in your Link

Fiber optic communication systems consist of more than just a physical fiber optic link and troubleshooting must always begin with an examination of the entire network. A technician must look at the big picture to rule out other potential trouble spots before suspecting the fiber or other passive optical components.



[Read More](#)

Did you know....

That fiber backhaul links need to be characterized before upgrades?

As electronics push the upper limits of bandwidth capacity, 100Gb/s to multi Terabit, optical fibers need to be characterized. Testing for polarization and chromatic dispersion as well as ORL and reflection testing will ensure that the fiber will handle the network speeds of tomorrow. Understanding how the test and transmission equipment work and what the characterization information reveals will help ensure future upgrades go smoothly.

[More "Did You Know"](#)

Light Brigade Executive Receives Service Award

The IPC — Association Connecting Electronics Industries® recently recognized Larry Johnson, Director and Founder of Light Brigade, Inc. with a Distinguished Committee Service Award for his contributions to the development of the standard IPC-D-640, Design and Critical Process Requirements for Optical Fiber, Optical Cable and Hybrid Wiring Harness Assemblies.

[Read More](#)

2017 Training Catalog Features Five New Courses

Light Brigade's 2017 Fiber Optic Training Catalog is now available. It has a complete listing of our training offerings including in-person and online courses, staff development training DVDs, as well as our recently released mobile field training tool titled Amp.

[Read More](#)

Year-end Savings

[Certified Fiber to the Home Professional Online Training Course](#) — Save \$205

Our Certified Fiber to the Home Professional (CFHP) online training course provides FTTH training and certification. The training covers everything from system components to the business issues involved when planning an FTTx network.

[Fiber Optic Tool Kits](#) — 15% off

We have sampled and tested a wide variety of fiber optic tools in developing our hands-on training courses. Utilizing our expertise and experience, we have created three tool kits for specific applications that are available exclusively through Light Brigade.

- **Cable Preparation Tool Kit** — Great for indoor and outdoor fiber optic cable and closure/enclosure preparation. All the tools required to effectively strip, clean, and prepare cabling for splicing and termination.
- **Mechanical Splice and Emergency Restoration Tool Kit** — Ideal for loose tube outside plant applications where fiber optic cable damage has occurred and a quick repair is needed.
- **Master Splicer Tool Kit** — Designed for cable and closure/enclosure preparation with specialized tools for mid-cable access and to prepare special optical cables such as OPGW, ADSS, MicroCable, and armored loose tube for splicing or termination.

[Staff Development Training DVDs](#) — Get any single DVD for \$99 and save \$26, or get the entire set of DVDs for \$995 and save \$205.

Additional Information

- [Schedule of Upcoming Classes](#)
- [Special Events Calendar](#)
- [Fiber Optic Product Catalog](#)
- [Contact us with your questions, feedback, etc.](#)