

## Maintain fiber optic network bandwidth and speed with precise splices

### **Fiber splicing meets your demands for performance, timing and budget**

Choose CCI Systems for splicing precision that exceeds industry standards—ensuring your network delivers the bandwidth and speed your customers expect, while keeping your project on time and within budget.

### **Top-of-the-line equipment means a top-notch network**

CCI uses the latest equipment to ensure you can stretch your network elements that extra mile, deliver error-free high-speed performance and reduce truck rolls and customer downtime.

### **Experienced technicians solve your problem, fast**

Our optical fiber experts have more than 150 years of combined experience in troubleshooting. They have the skill to make the most of advanced equipment; manage environmental factors such as moisture, wind, dust and dirt; and pinpoint and correct problems on the first try.

### **Documentation and testing ensure every span meets specs**

Rely on CCI's full-time documentation team and dedicated fiber optic testing experts to ensure every span meets your specifications—without holding up production.

### **Complete solution streamlines your project**

Take advantage of CCI's start-to-finish capabilities, from design and installation through maintenance and overall account management, to make your

network run today while making sure you're prepared for tomorrow.

Call CCI Systems today to see how our fiber splicing services can enhance your network: 855-337-9299.

### **Full project range**

No matter where splicing is required, or how complex the project, we work hard to bring you optimum results.

- LAN and WAN
- Broadband
- Wind farms
- Government buildings
- Cell towers
- HFC, FTTH, FTTP and FTTC
- FTTH RFOG
- 24/7 emergency fiber restoration
- Smart Grid infrastructure

### **Fiber characterization**

CCI assesses fiber infrastructure performance with these tests:

- Insertion loss measurements
- OTDR testing at 1310, 1490, 1550, 1625
- Optical return loss measurements
- Connector end face inspection
- Polarization mode dispersion testing
- Chromatic dispersion testing
- Spectral attenuation