



# carolinas

SOLUTION GROUP

## THE LEAD CABLE TECHNICIAN

### POSITION LOCATIONS:

Charlottesville, Virginia  
Alexandria, Virginia

### JOB DESCRIPTION:

The Lead Cable Technician is responsible for the installation, modification, repair and maintenance of Structured Cabling and IP camera systems. This includes the physical installation of cabling, overseeing the work of others, surveying work sites to determine the best installation practices, coordinating workflow within the unit, act as company liaison and provide on the job training to other technicians as needed. The Lead Cable Technician is responsible for making independent judgments where normal procedures or guidelines are not established. The job description listed herein is a basis of design and is not all inclusive.

### ESSENTIAL FUNCTIONS:

- Physically install Category 3, Category 5, Enhanced Category 5, Category 6, Category 6e, Category 6A, Fiber Optic Structured Cable Distribution Systems.
- Installation of outlets, pulling cable, fire stopping and pre-termination including organizing, forming, dressing, and labeling cables to industry standards
- Terminate, assemble, and install 8-pin modular connectors and coaxial connectors, light crimp connectors and optical fiber ST, SC and LC ceramic connectors.
- Accurately test and save copper and fiber (multimode and single mode) cables to required certification parameters utilizing appropriate test equipment as required.
- Diagnose and correct copper and optical fiber problems.
- Removal and demolition of abandoned cables
- Maintain and reference industry standards including ANSI, EIA/TIA, and local and National Electric Code
- Perform site surveys, read, and use blueprints and floor plans and conduct visual site inspections.
- Determine closet and equipment layouts and install closet hardware including backboards stall closet hardware including backboards, connecting blocks, racks, patch panels and fiber enclosures, and balance video equipment.
- Install entrance facility grounding infrastructure and perform grounding tests.
- Perform cable splices for copper and optical fiber (mechanical and fusion)
- Identify active circuits.
- Attending training and safety meetings, as required.
- Work safely, always utilizing the necessary Personal Protection Equipment. Demonstrate safe working practices to other technicians.
- Serve as a liaison between office and field, communicating all information that is not classified as confidential.
- Provide accurate and detailed updates to Project Manager and all necessary office personnel if required.
- Perform administrative tasks including, but not limited to, documenting test results and as-builts, completing safety reports, maintaining logbooks, providing labor summary reports, etc.
- Inventory materials and keep truck stocked.
- Notify necessary office staff of materials that need to be ordered for stock and/or projects.

- Develop project plan including required materials deliver schedules completion schedules, deliver schedules, completion schedules, manpower requirements and tool/equipment lists.
- Ability to properly instruct other technicians on techniques, work, etc. as needed to keep project workflow.
- Provide professional and courtesy interaction with customers. Including meetings with customers to review projects and providing customers with updates when required.

### **JOB SKILLS & QUALITIES REQUIRED:**

- Possess a high level of independent judgment within established procedures.
- Demonstrate basic knowledge of LAN/WAN topologies, cabling standards and components.
- Ability to work extended hours (overtime/weekends) as needed.
- Ability to be scheduled for on-call status if needed.
- Position requires daily travel to worksites and employees must have the ability to independently get to worksites.
- Must adhere to OSHA Safety standards.

### **PHYSICAL REQUIREMENTS:**

While performing the regular and traditional duties of this job, the employee is required to stand; climb or balance; stoop, kneel, crouch or crawl; reach with hands and arms. While performing the duties of this job, the employee is frequently required to walk, sit and use hands to pull cables and wires, use power tools, work in awkward positions and climb ladders and/or scaffolding. The employee must be able to safely lift and/or move up to 70 pounds. Specific vision abilities required by this job include close vision, distant vision, and color vision. The noise level in the work environment is moderate to loud and employees may be exposed to outside weather elements. These physical aspects of a technician's position are ongoing throughout the workday and not merely occasional in nature.

**NOTE:** The requirements listed above must be met by an employee to successfully perform each duty and each function of this job. Reasonable accommodation may be made to enable individuals with disabilities to perform these essential functions.

We expect excellence from our employees. This means we offer a drug-free and safe working environment. All employees must be able to pass all background checks, motor vehicle record checks, and drug screen if requested. A clean driving record and valid Driver s License are required.

### **TEAM LEADER:**

· This position reports to the Project Manager

Job Type: Contract

Schedule:

- 8-hour shift
- Monday to Friday

Work Location: In person