

# Network Cabling Technician Job Description

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## Duties and Responsibilities:

- Undertakes the loading and installation of workstations, laptops, and peripherals
- Undertakes the installation of data equipment, including data racks, patch panels, cable trays, etc.
- utilizes appropriate testing equipment to test installed cables
- provides documentation of all information on all cable and equipment
- improves upon existing installation and troubleshooting procedures
- Performs cabling installations, including New Commercial Data, Voice, Fiber Optic and Paging
- Drives a company vehicle and operates a variety of tools, such as hand tools, power tools, ladders, leakage detection devices, scissor lifts, and test equipment
- Provides education to customers on the proper use of all installed equipment and address customer concerns
- Carries out customer instruction on System Operation and Functionality
- Tests systems and performs signal verification
- Adheres to safety policies and procedures and reports all accidents, hazards, and equipment problems
- Takes responsibility for installing new cables in new or existing buildings
- Performs termination and testing of new cabling
- Responsible for setting up new telecommunications frames
- Installs Cat5e, Cat6, Cat6a, and fiber optic cabling systems
- Builds and installs racks, dresses and terminates closets, carries out tests and troubleshoots
- Labels, pulls, and terminates cable.
- Performs maintenance on cable systems by installing, repairing, programming, and upgrading cable infrastructure
- Performs preventive maintenance and repairs by troubleshooting cabling system issues

- Applies established procedures in testing every newly installed or relocated cable
- Keeps cable neatly tied and bundled while maintaining safety standard
- Documents time and materials expended on work assignment daily
- Completes required paperwork, such as: installation checklist, timesheets, service orders, vehicle inspection report and various other logs
- Promotes environmental, health, and safety policies within the workplace
- Performs installation and routine maintenance of structured cabling systems
- Works at heights, poles, and small confined spaces.
- Works outdoors and in inclement weather conditions
- Installs devices for alarm, fire, access, and automation systems.

### **Network Cabling Technician Requirements – Skills, Knowledge, and Abilities**

- Knowledge: The kind of knowledge required is a function of the specific needs of the hiring organization. However, networking cabling technicians should be knowledgeable in structured cabling and other advanced technologies
- Knowledge of labeling, pulling and dressing category 3, category 5e, category 6 and fiber optic, and previous wiring or data experience (Audio Installer, Network Installer, Cable Installer, etc.) is a plus
- Networking cabling technician must be knowledgeable in various wiring configurations and terminations, as well as possess technical skills and knowledge of telecommunications industry and installations, including voice, data, and video structured cabling systems
- A strong working knowledge of TIA, EIA, BICSI, or NEC Standards; including installation, trouble shooting and service, and working knowledge of building codes, electrical codes, communication standards, and installation may be required
- Experience: The experience required of network cabling technicians varies depending on the need of the organization

- Experience with installing j-hooks, ladder racks and cable tray, and working in MDF/IDF environments may be required. Experience in communications cabling is strongly preferred
- Education: High School Diploma or its equivalent combination of education and experience will do
- Certifications: Industry specific Manufacturer Certifications and BICSI training and/or certifications is preferred
- License: Acquire a State appropriate Low Voltage license
- Communication skills: Basic written and verbal communications skills are essential for documentation, report writing, and rapport building
- Self-motivated and team spirit: Ability to work well both independently and as part of a professional team is required of networking cabling technicians
- Time management skills: They must be able to effectively prioritize tasks and complete them in good time applying planning and forward-thinking skills
- Customer service skills: They must be service oriented and capable of relationship building
- Math skills: They must be able to perform basic math functions
- Computer skills: Strong computer skills using Microsoft Office suite (i.e., Word, Excel, and Outlook)
- They must maintain a valid driver's license.