



# Example of Cable Design Engineer Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of cable design engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for cable design engineer

- Provide 3rd level support to Network Operations team for project delivery and problem escalations
- Define network cabling standards and deploy cabling and other technology space engineering solutions, such as entrance facilities, POP rooms, MDF/IDF design, rack layout, space, power, UPS systems
- Plan, Research, develop and recommend Network Cabling solutions and ensure technical solutions meet the needs of business such as speed, cost, performance, and security
- Manage 5-7 Large to Medium network engineering initiatives simultaneously
- Continuously identify, review, and recommend potential opportunities for enterprise cost-savings, service quality improvement, and operational efficiency
- Carrying out loading calculations to prove the adequacy of proposed designs
- Reading Client enquiry specifications and drawings
- Experience and knowledge of EHV (11kV to 400kV) power systems and equipment
- Knowledge of substation electrical design
- The ability to interpret engineering drawings and circuit schematics

## Qualifications for cable design engineer

- Interest for working on broad issues (electrical, mechanical, materials,

- In-depth knowledge about High Voltage cable technology, application and manufacturing processes
- Minimum of five to eight years experiences as an engineer in the high voltage cable industry with a minimum 4 years as HV cable design engineer with responsibility for cable design and cable costing
- A 4 year college degree in EE required (Master's and/or Ph.D preferred)
- Broad experience in modem (15+years) with focus on analog/RF circuit and system design
- Direct experience in the design and implementation of analog/RF subsystem for Copper/cable Headend and/or cable modems