

# Design and Installation Services

## General:

Spacer cable systems and tree wire systems are the most economical overhead electrical distribution systems available when reliability or right-of-way costs are important. However, proper design and installation are required to insure a long life. Poor materials, incompatible components, improper grounding and/or surge protection, poor sagging, improper splicing or poor tap arrangements have resulted in premature aging or burn-downs. To assure that these situations do not occur, Hendrix offers design and installation services.

## Design Services:

Early in the planning stage for a distribution circuit, Hendrix application engineers stand ready to assist in designing the circuit. Hendrix invented spacer cable systems and is the only supplier of complete systems. Our design parameters are based on knowledge gained from many years of experience (since 1951). We use proprietary materials which were developed specifically for spacer cable and tree wire systems. All components are electrically compatible and designed for long life.

### Hendrix offers the following design services:

- Job layout & cost estimate
- Bill of material
- Ampacity/conductor sizing
- Sag and tension
- Guying requirements
- Grounding requirement
- Arrester requirements
- Pole loading calculations



## Installation Services:

Proper installation of spacer cable systems is very important. Hendrix customer service engineers are available to provide customer site advisory and training services. Those services help to assure that systems are properly installed. They also save installation time through proper selection of techniques and sequencing of activities.

For initial spacer cable projects, Hendrix will provide, at no charge, a customer service engineer and Hendrix installation equipment (for the "Roll-By" method of installation). For customers who desire on-site advisory and training services for subsequent projects, Hendrix will provide a customer service engineer at a nominal charge.

To facilitate installation, Hendrix provides installation equipment on a rental or sale basis. If spare parts are required during installation, Hendrix can ship them from stock.

### Hendrix offers the following installation services:

- Pole-by-pole list of parts
- Construction drawings
- Installation equipment
- Spare parts from stock
- On-site advisory and training services

