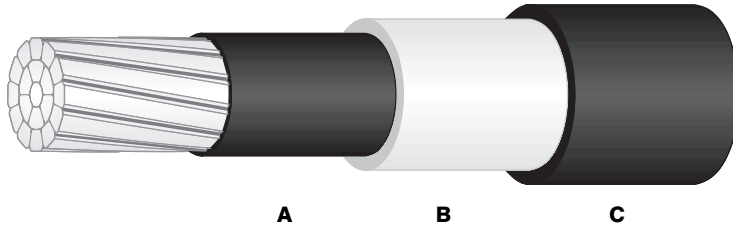


90 °C Overhead Covered Conductors

Description:

Hendrix 90 °C overhead covered conductors are a higher ampacity alternative to 75 °C spacer cable and tree wire. They are available with a proprietary black or gray outer layer of ultraviolet stabilized, abrasion resistant, high density polyethylene and an inner layer of unfilled, high density polyethylene. The semiconducting conductor shield is compatible with the 90 °C rating. These covered conductors are available in the full range of voltage ratings and conductor sizes offered for 75 °C covered conductors used in spacer cable and tree wire systems.



- A** Semiconducting conductor shield
- B** Unfilled high density polyethylene
- C** Proprietary, black or gray, high density polyethylene

Benefits:

- Approximately 14% increase in ampacity over 75 °C cable
- Approaches ampacity of equivalent size bare wire
- Ideal for applications having seasonal short duration peak loading
- Potential savings due to reduced pole class and guying requirements
- Semiconducting conductor shield enhances the cable electrical properties

Application:

Hendrix 90 °C covered conductors are designed for use on 15kV through 69kV spacer cable and tree wire systems. They are designed for sustained periods of operation at a 90 °C conductor operating temperature. The resulting increase in ampacity may allow for the use of a smaller conductor size and provide savings in pole class and guying requirements. Also, the need for replacement of existing poles may be avoided. For assistance in selecting 90 °C covered conductors for specific applications, please contact your Hendrix sales representative.