

# The 115kV Spacer Cable Transmission Solution



## Use Hendrix 115kV Aerial Cable Systems and get Reduced ROW, Increased ROI, and Environmental Protection

### Start taking advantage of Spacer Cable in a transmission system application

This spacer cable solution for power transmission offers a menu of benefits for utility decision makers:

- Reduced right of way
- Compact bundle reduces GMD, resulting in 15% lower impedance, 15% improved voltage regulation, improved end of line voltage, improved power factor, and better overall quality of service
- Better circuit reliability
- Used as a key component in Wildfire Mitigation strategy
- Minimizes Vegetation Management
- Build additional circuits in existing ROW
- Easier and faster ROW approvals
- Better public relations
- Helps achieve regulatory goals in Environmental Stewardship Roadmap
- Reduced pole height
- APLIC compliant

### Key spacer cable features

- Hendrix spacer cable has three layers of polymers to provide superior BIL, AC Withstand, and control of charging current on the outside jacket.
- The three layers include:
  - SC strand shield designed to minimize electric stresses, improve BIL, and lengthen useful service life
  - Unfilled HMWPE middle layer for electrical properties, as well as low density for easier stripability
  - An HDPE outer layer with high track resistance, UV stability, and high abrasion resistance to protect the cable from the environment

### Specs

- Charging Current <1.5 mA
- BIL Level > 962 kV
- Ampacity 983 (for 954 kcmil cable)
- Recommended span 300'

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Hendrix Sales Manager**

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AERIAL CABLE SYSTEMS

