

## 69kV Aerial Spacer Cable Systems



**Where Power Distribution Reliability Begins**

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A Marmon Wire & Cable /  
Berkshire Hathaway Company

**Contact your local Hendrix representative**

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## How Hendrix Aerial Spacer Cable (ACS) systems elevate system performance

Hendrix Aerial Spacer Cable Systems incorporate heavily covered conductors, supported by a high strength messenger, connected by polyethylene spacers in a triangular configuration that offers multiple advantages:

### System hardening.

Spacer Cable Systems harden circuits against storms, falling tree branches, and other environmental hazards.

### Reduced tree trimming and ROW.

Hendrix ACS reduces the initial Right of Way required for installation. Once installed, ACS systems reduce the need for tree trimming, while hardening systems by withstanding impact and keeping conductors up and running.

### Superior mechanical strength.

The messenger cable delivers unsurpassed strength and protection for overall circuit performance..

### Superior electrical strength.

Spacer Cable Systems have the electrical strength to prevent faults due to phase-to-ground or phase-to-phase contact.



## Key features of 69 kV Aerial Spacer Cable systems

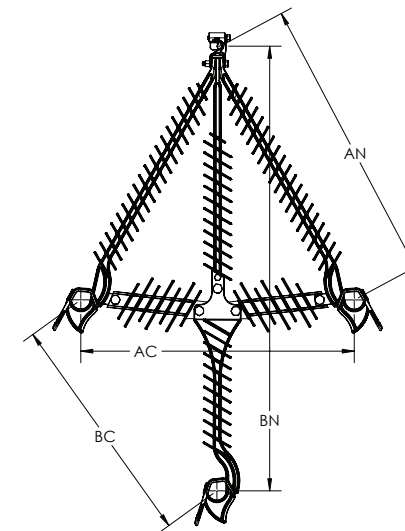
Our Spacer Cable Systems for 69kV circuits were originated 20+ years ago, and have a proven performance record. Here's an overview of key system characteristics:

- Superior support for conductors and consistent phase spacing
- Proprietary, gray track resistant, high density polyethylene spacers
- Enhanced strength and flexibility under loading
- Over 30 years of ultraviolet resistance
- Close, triangular configuration for low voltage drops
- Long leakage distance, reduced phase spacing and self-washing shed design allows for operation even in select coastal areas
- Highly resistant to shock and impact
- Track resistant compound minimizes current flow on the surface
- Meets a broad spectrum of utility requirements

## Addressing key issues for utilities

Hendrix 69 kV Aerial Spacer Cable systems are ideal for utility and industrial projects where these issues must be addressed:

- Installations in congested areas such as substations
- Reduced electrical clearance requirements to buildings and structures
- The need to reduce right of way costs
- Improved SAIDI and SAIFI indices
- The need to reduce storm related outages
- Pressure to protect raptors and other wildlife
- Environmental concerns regarding wildlife and foliage
- Technical concerns including load, voltage, load growth, and more.
- Reduced outage repair costs
- Reducing lost revenue and customer complaints
- Environmental Stewardship



## Hendrix: The single source for top-to-bottom capabilities

- **Planning.** Hendrix engineers work closely with each customer at the planning stage and at every stage of the design/build process to ensure the correct result. We tailor our capabilities to the customer's requirements.
- **System Design.** Hendrix application engineers provide circuit design recommendations, bills of material, and cost estimates.
- **Project Management.** We are capable of handling every aspect of Project Management, based on the individual needs of the customer.
- **Materials management.** Hendrix engineers will provide all material planning and procurement services, as well as delivery.
- **Installation.** Our professionals – all deeply experienced in the installation of 69 kV systems – can facilitate 100% of system installation.
- **Training and advisory services.** On site during installation, we work closely with personnel to provide training and advice on system performance.
- **Maintenance.** Hendrix will monitor, inspect and provide maintenance recommendations.

Catalog Number	Dimensions (inches)				Min. Leakage Distance (in)	Max. Messenger Diameter (in)	Max. Conductor Diameter (in)	Short Circuit Rating (kA)	Weight (lbs)
	BN	AN	BC	AC					
RTL-69DM	57 1/2	37 1/8	30 3/8	35 5/8	80 1/8	.750	2.25	30	13.3