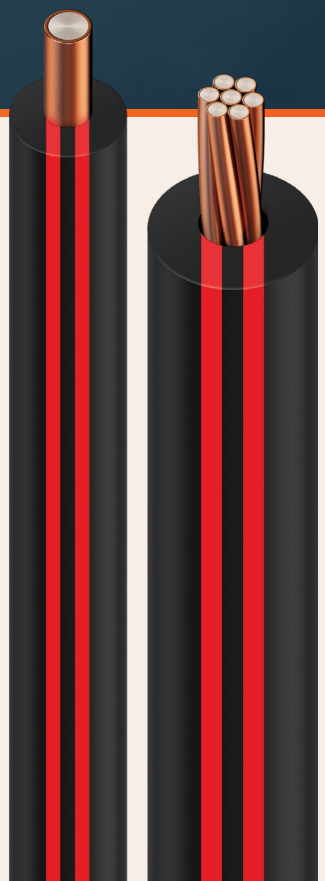
COPPERWELD®
BRAND WIRE

Stingray®

Covered CCS Stinger Wire



Flexible, Durable High-Voltage Stinger Wire for Pole-Top Transformers

Stingray is an easy-to-install, covered Copper-Clad Steel (CCS) transformer riser wire designed for pole-top distribution applications. Engineered for animal protection, Stingray helps reduce outages caused by incidental wildlife contact between primary phase conductors and equipment bushings. With a durable jacket and a strong CCS core built to withstand wind fatigue and weather exposure, Stingray supports long-term reliability in critical overhead connections.

copperweld.com/stingray

Why Utilities Choose Stingray® Covered CCS Stinger Wire

Scan to Download Stingray Product Spec Sheets

Protective Covering

Helps prevent incidental and wildlife contact that can lead to equipment failure, service disruption, and outages in pole-top installations.

Longer Service Life

With a strong CCS core, Stingray withstands wind fatigue up to 8x longer than solid copper, delivering durable performance in harsh overhead environments.

Easier to Install

Stingray's thermoplastic rubber covering is easier to strip than traditional HMW or cross-linked (XLP) polyethylene, supporting faster field connections.

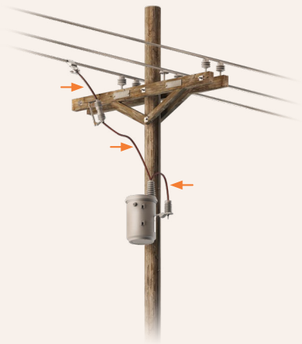
Made in the USA

For over a century, Copperweld® has manufactured bimetallic conductors in the USA using premium metals for long-term durability.

Resiliency for Riser Applications

Designed for transformer riser connections, Stingray is used on the high side of pole mounted transformers from the phase clamp to the cutout and from the cut out to the transformer bushing and lightning arrestor. Its covered CCS construction strengthens vulnerable connection points where wire breakage is common as copper elongates under wind vibration, and where incidental contact or flashover events can cause power disruptions.

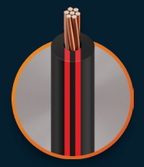
Available in a range of conductor sizes and ampacity ratings, Stingray provides a covered CCS alternative to commonly used covered copper riser wires. This flexibility supports straightforward replacement in existing designs while delivering the added mechanical durability and service-life advantages of Copperweld CCS.



Compliance and Listings:

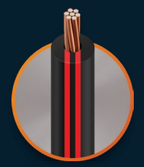
- **RUS Listed:** Stingray is on the Conditional RUS list for experience. See RUS USDA website for updated listings.
- **ISO Certification:** Copperweld facilities are ISO 9001:2015 certified
- **BABA Compliant:** All bimetallics manufactured at Copperweld's facilities in Fayetteville, TN, USA

Stingray 245 – Replaces #2 Copper



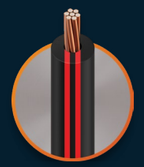
	Stingray 245 (STINGRAY245)	#2 Copper
Max. Ampacity (Amps)	245	235
Break Load (lbf)	2,826	1,928
Diameter (in)	0.606	0.583
Strands	7	7

Stingray 195 – Replaces #4 Copper



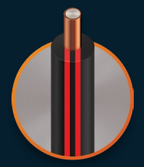
	Stingray 195 (STINGRAY195)	#4 Copper
Max. Ampacity (Amps)	195	185
Break Load (lbf)	2,013	1,200
Diameter (in)	0.558	0.504
Strands	7	1

Stingray 135 – Replaces #6 Copper



	Stingray 135 (STINGRAY135)	#6 Copper
Max. Ampacity (Amps)	135	124
Break Load (lbf)	1,115	763
Diameter (in)	0.412	0.478
Strands	7	1

Stingray 90S – #6 Alternative



	Stingray 90S (STINGRAY90S)	#6 Copper
Max. Ampacity (Amps)	90	124
Break Load (lbf)	1,035	763
Diameter (in)	0.382	0.462
Strands	1	1

* The maximum rated ampacity listed is for short durations only. The recommended maximum continuous ampacity load is 65% of the rating shown.

Stingray® Resources

Stingray Product Literature

Download Stingray product spec sheets and other product literature.

Articles

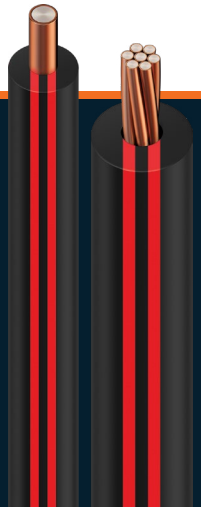
Browse our library of articles to learn more about Stingray Covered CCS Transformer Riser Wire benefits.

Videos

View our collection of Power Grid videos to learn more about Copperweld® CCS's performance and benefits.

Visit copperweld.com for additional Copperweld Power Grid resources, videos, events, and more.
To stay up to date on the latest Copperweld releases, join our eNewsletter mailing list: **copperweld.com/updates**

copperweld.com/powergrid



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powergrid@copperweld.com | 615-440-0064 | copperweld.com

Made in USA