



Okoguard® Aerial Jumper Cable

15kV - 90°C Rating



- A Coated, Stranded Copper Conductor
- B Strand Screen
- C Insulation/Jacket-Okoguard

Insulation/Jacket

Okoguard is Okonite's registered trade name for its exclusive ethylene-propylene base, thermosetting compound, whose optimum balance of electrical and physical properties is unequaled in other solid dielectrics.

This durable Okoguard insulation serves as a jacket as well. It is permanently embossed with a legend and has a natural, highly visible, red color.

Applications

Okoguard Portable Jumper cables are designed as flexible power leads for use with tap-off or jumper clamps which permit temporary connections or "by-pass" of energized aerial lines operating at voltages up to and including 15000V (phase to phase).

Specifications

Power Conductors: Extra-flexible rope tin coated copper per ASTM B-33, flexible rope stranded.

Conductor Screen: A taped conductive screen, whose purpose is to improve service life, dielectric strength and eliminate internal corona, meets and exceeds ICEA Standard S-96-639.

Insulation: Okoguard meets and exceeds ICEA Standard S-93-639.

Product Features

- Extra-flexible conductors for ease of handling under adverse conditions.
- Conductor screen for improved voltage stress control.
- Heat, moisture and ozone resistant 90°C Okoguard Insulation/Jacket.
- Okoguard is red for visual attention and it has good color stability even when exposed to strong sunlight.
- Excellent low temperature properties.

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Product Data

Section 6: Sheet 4

| Catalog Number | Conductor Size AWG | Min. No. Strands | Nominal Cdr. Diameter - Inches | Approx. O.D. - Inches | Approx. O.D. - mm | Approx. Net Weight (lbs./1000') | Approx. Ship Weight (lbs./1000') | Amps Per Cdr. |
|--|-----------------------|------------------|--------------------------------|-----------------------|-------------------|------------------------------------|-------------------------------------|---------------|
| 15kV - Okoguard Insulation: #2 AWG Through #4/0 AWG, 210 mils | | | | | | | | |
| ▲ 303-21-1934 | 2 | 259 | 0.319 | 0.780 | 19.8 | 425 | 480 | 192 |
| ▲ 303-21-1938 | 1/0 | 259 | 0.408 | 0.863 | 22.0 | 583 | 638 | 258 |
| ▲ 303-21-1940 | 2/0 | 259 | 0.450 | 0.910 | 23.3 | 687 | 752 | 298 |
| ▲ 303-21-1944 | 4/0 | 437 | 0.592 | 1.052 | 27.2 | 997 | 1092 | 400 |

▲ **Authorized Stock Item.** Available from our Customer Service Centers

Minimum Order Quantity is 150 ft.

Standard Package —1000' N.R. Reel. Standard package will be furnished where orders do not specify otherwise.

Ampacities

Ampacity based on 90°C conductor temperature, 40°C ambient temperature.
For ampacity correction factors covering various ambient temperatures:

| Ambient Temperature Degrees | | Correction Factor |
|-----------------------------|-----|-------------------|
| C | F | |
| 10 | 50 | 1.26 |
| 20 | 68 | 1.18 |
| 30 | 86 | 1.10 |
| 40 | 104 | 1.00 |
| 50 | 122 | 0.90 |