Okoguard®
15kV Reduced Diameter Duct Cables (Triplexed)
Okopact Copper Conductor/105°C Rating
100% Insulation Level

Insulation
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. The clean red color of Okoguard is the result of an evolutionary development in ethylene-propylene rubber compounding to gain greater dependability of the electrical characteristics.

Over the insulation, a semiconducting ethylene-propylene layer is extruded, providing an all EPR system.

Copper flat straps are uniformly spaced around the semiconducting insulation EPR screen. The specially formulated jacket provides protection against mechanical damage and corrosion.

Applications
Okoguard Reduced Diameter Duct Cables provide maximum ampacity in existing duct installations.

Specifications
Central Conductor: Annealed uncoated compact round copper ASTM B-496.

Conductor Screen: Extruded semiconducting ethylene-propylene rubber meets or exceeds the requirements of ICEA S-93-639/NEMA WC74, AEIC CS8, and CSA C68.5.

Insulation: Extruded Okoguard meets or exceeds the requirements of ICEA S-93-639/NEMA WC74, AEIC CS8, and CSA C68.5 for ethylene-propylene rubber.

Insulation Screen: Extruded semiconducting ethylene-propylene rubber meets or exceeds the physical requirements of ICEA S-93-639/NEMA WC74, AEIC CS8, and CSA C68.5.

Outer Conductor: Uncoated Copper Flat Straps.

Jacket: Black Okolene meets or exceeds the requirements of ICEA S-93-639/NEMA WC74, AEIC CS8, and CSA C68.5.

Available with 5, 25, 35 and 69kV voltage ratings.

Product Features
• 105°C continuous operating temperature.
• 140°C emergency rating.
• 250°C short circuit rating.
• Reduced diameter construction.
• Excellent corona resistance.
• Low dielectric constant and power factor
• Clean stripping screens.
• Exceptional resistance to “treeing”.
• Overall jacket provides extended life.
• Excellent resistance to most chemicals.
• Factory triplexed.
• AEIC Qualified.
• CSA C68.5 listed, LTGG (-40°C), SR.
• Can be listed by UL as Type MV-90 on special orders.
• Design options available.
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Copper Conductor/105°C Rating
100% Insulation Level

Insulation-175 mils
Jacket-50 mils nominal

**Triplexed Cables**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Conductor Size (kcmil)</th>
<th>Nominal Dia. Over Insulation (in.)</th>
<th>Nominal Dia. Over Insulation Screen (in.)</th>
<th>Copper Straps No. x Width x Thick. (mils)</th>
<th>Nominal Triplexed O.D. (in.)</th>
<th>Approx Net Weight (lbs/1000')</th>
<th>Approx Ship Weight (lbs/1000')</th>
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