

# PE Insulated ACSR Overhead Conductor - 600V

This ACSR conductor is insulated with polyethylene for overhead distribution lines. It is installed on insulators and can be treated as a bare conductor.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Overhead Conductor

This Polyethylene (PE) insulated ACSR conductor is engineered for reliable power transmission in overhead distribution lines. Featuring a concentrically stranded aluminum conductor reinforced with a steel core, it offers exceptional tensile strength and sag performance. The weather-resistant black polyethylene insulation ensures durability against environmental stressors, making it a robust solution for diverse electrical infrastructure needs.

## Technical Specifications

Voltage Rating	600 V
Maximum Temperature	75 °C
Size Range	AWG #6 to 266.8MCM
Insulation Material	Weather resistant black polyethylene

## Standards & Compliance

Standards Met	ASTM B 232, ANSI/ICEA-S-70-547
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## Design Characteristics

### Design Parameters

<b>0.91</b> Emissivity	<b>0.95</b> Absorption Coefficient	<b>375 °C-CM/Watt-CM</b> Thermal Resistivity
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