



**Aviation  
Ground  
Equipment Corp.**

**7201 Series  
Cable**

## **Aircraft Power Cable 270 VDC, 72 kW**



AGEC is producing the next generation of 270 VDC Aircraft Power Cables which are ideally suited for all 270 VDC Aircraft including F-22 and new generation F-35.

### **Standard Features:**

- Single jacketed, low inductance, multi-conductor cable
- Replaceable wear nose that can be changed when damaged or worn
- Cable meets or exceeds the electrical and environmental requirements of SAE AS5756 (former MIL-C-5756)
- Cable head meets or exceeds the electrical and environmental requirements of SAE AS7974 (former MIL-C-7974)
- F-35 tested and compliant
- Scuff Cover available

### **Aviation Ground Equipment Corp.**

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## 7201 Series Cable

### Specifications

#### Voltage & Current Rating

- 270 VDC (Power), 72 kW
- 28.5 VDC (Interlock), 15 Amp

#### Conductors

- Power Conductors (+) 7 x AWG #8
- Power Conductors (-) 7 x AWG #8
- Control Conductors (+) 1 x AWG #8  
2 x AWG #14
- Control Conductors (-) 1 x AWG #8  
2 x AWG #14
- Control Conductors (fb) 2 x AWG #14

#### Construction

- Inner Jacket: Heavy Duty Neoprene per MIL-C-13777.
- Reinforcement: High Tension. Low Stretch Cross Wrapped Thread.
- Outer Jacket: Heavy Duty Neoprene per MIL-C-13777. Bonded to Reinforcement and inner jacket.

#### Environmental

- Operating -67°F to +130°F  
(-55°C to +55°C)
- Storage -67°F to +150°F  
(-55°C to +65°C)

#### Military & Commercial Standards

- SAE AS5756
- SAE AS7974

#### Dimensions & Weight

- Cable Length: 30 ft., 36 ft., 60 ft.
- Cable Diameter: 1.58 in.
- Weight: Approx. 2 lbs./ft.

#### Options

- Overall scuff cover available
- Custom Cable Lengths

Specifications subject to change without notice



Cable Cross-Section



270 VDC Wear Nose



Optional Scuff Cover



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ISO  
9001:2008  
Certified