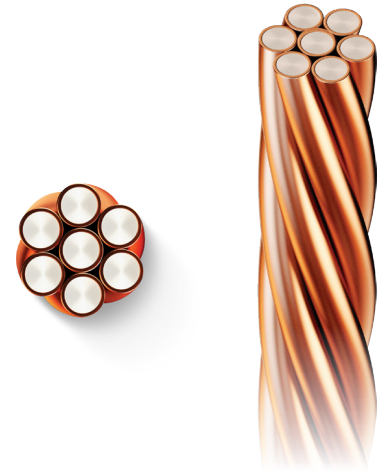


# Century 7 No. 6

## Copper-Clad Steel (CCS) Grounding Conductor

PART #: Q6C7X06A



### Engineering Specifications:

- **Strands** – 7
- **Composition** – Grade 40 DSA (steel core)
- **Finish** – Bare
- **Standards** – ASTM B-910, ASTM B-228

Current Carrying Capabilities*	Up to 100 ms (6 Cycles)	Up to 250 ms (15 Cycles)	Up to 500 ms (30 Cycles)	Up to 1.0 s (60 Cycles)	Up to 3.0 s (180 Cycles)	Thermal Energy (I <sup>2</sup> T)
Short Time Fusing Limit	53.3 kA	35.3 kA	25.7 kA	18.6 kA	10.9 kA	330

Specifications	Imperial	Metric
Strand Diameter	0.1620 in	4.11 mm
Nom. Overall Diameter	0.486 in	12.34 mm
Area	183.7 kcmil	93.1 mm <sup>2</sup>
Weight	520 lb/kft	774 kg/km
Max. Wire Resistance	0.1499 Ω/kft	0.0457 Ω/km
Min. Break Load	6,930 lbf	3,143 kgf

\* Short circuit current (kA) values are based on IEEE 80:2013, Table 6 (RMS currents, 60 Hz, X/R = 0). Fusing temps at 1084 °C. Century Grid® products exceed industry performance standards due to design, materials, and improved thermal characteristics. All current carrying capabilities for Century products are reflected in commercially available industry standard software programs for substation and transmission line designs. Contact your local sales representative for details.



Copperweld bimetals have been processed in the USA for over 100 years. We use the world's highest-quality steel and oxygen-free copper to provide superior protection and unmatched durability.



615-377-4200  
powergrid@copperweld.com