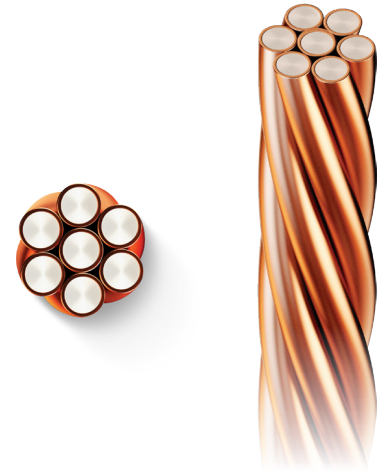


# Century 7 No. 4

## Copper-Clad Steel (CCS) Grounding Conductor

PART #: Q6C7X04A



### 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	82.7 kA	54.8 kA	40.1 kA	29.1 kA	17.3 kA	804

Specifications	Imperial	Metric
Strand Diameter	0.2043 in	5.19 mm
Nom. Overall Diameter	0.613 in	15.57 mm
Area	292.2 kcmil	148.1 mm <sup>2</sup>
Weight	827 lb/kft	1,231 kg/km
Max. Wire Resistance	0.0942 Ω/kft	0.0287 Ω/km
Min. Break Load	10,540 lbf	4,781 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.



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