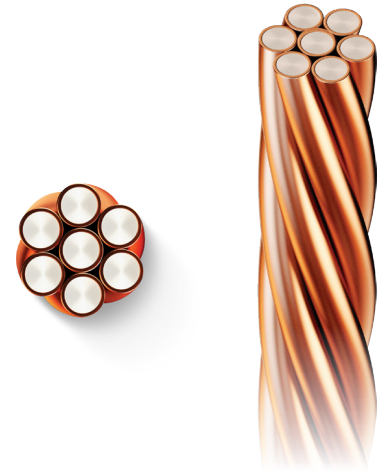


# Century 7 No. 7

## Copper-Clad Steel (CCS) Grounding Conductor

PART #: Q6C7X07A



### 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	42.8 kA	28.3 kA	20.6 kA	14.8 kA	8.7 kA	212

Specifications	Imperial	Metric
Strand Diameter	0.1443 in	3.67 mm
Nom. Overall Diameter	0.433 in	11.00 mm
Area	145.8 kcmil	73.9 mm <sup>2</sup>
Weight	413 lb/kft	615 kg/km
Max. Wire Resistance	0.1889 Ω/kft	0.0576 Ω/km
Min. Break Load	5,198 lbf	2,358 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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