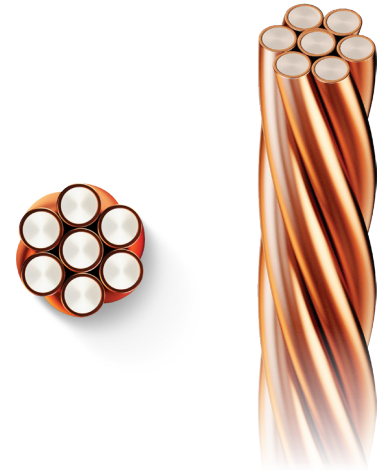


Century 7 No. 8

Copper-Clad Steel (CCS) Grounding Conductor

PART #: Q6C7X08A



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 ² T)
Short Time Fusing Limit	34.3 kA	22.7 kA	16.4 kA	11.8 kA	6.9 kA	134

Specifications	Imperial	Metric
Strand Diameter	0.1285 in	3.26 mm
Nom. Overall Diameter	0.386 in	9.79 mm
Area	115.6 kcmil	58.6 mm ²
Weight	327 lb/kft	487 kg/km
Max. Wire Resistance	0.2382 Ω/kft	0.0726 Ω/km
Min. Break Load	4,385 lbf	1,989 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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