

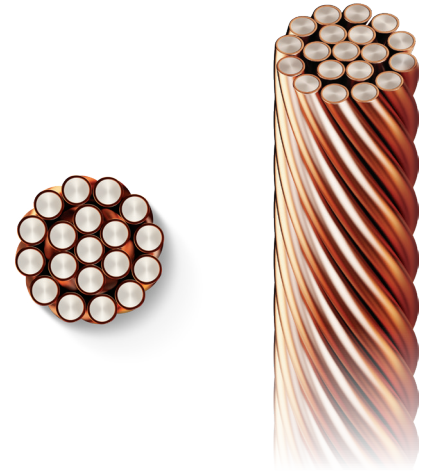
Century 19 x 0827

Copper-Clad Steel (CCS) Grounding Conductor

PART #: Q6C19X0827A

Engineering Specifications:

- **Strands** – 19
- **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	41.2 kA	27.1 kA	19.6 kA	14.0 kA	7.7 kA	192

Specifications	Imperial	Metric
Strand Diameter	0.0827 in	2.10 mm
Nom. Overall Diameter	0.414 in	10.50 mm
Area	129.9 kcmil	65.8 mm ²
Weight	365 lb/kft	595 kg/km
Max. Wire Resistance	0.2106 Ω/kft	0.0642 Ω/km
Min. Break Load	4,738 lbf	2,149 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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