



COPPERWELD®
BRAND WIRE

Century No. 4

TECHNICAL SPECIFICATION SHEET

PART #: Q6C2043A



Overview

- > **Strands** – 1
- > **Composition** – Grade 40 DSA (steel core)
- > **Standards** – ASTM B-910, ASTM B-228



Short Circuit Performance*

Up to 50 ms

Up to 250 ms

Up to 500 ms

Short Time Fusing Limit

22 kA

10 kA

7 kA

Specifications

Imperial

Metric

Single End Diameter

0.204 in

5.189 mm

Integral Cross-Section

42 kcmil

21 mm²

Overall Diameter

0.20 in

5.19 mm

Linear Weight

117 lb/1000 ft

174 kg/km

Breakload (Tensile strength is 55,000 psi)

1,803 lbf

818 kgf

Resistance

0.653 Ohms/1000 ft

2.143 Ohms/km

* Copperweld engineering has conducted destructive tests and encountered variability in the lab. The midpoint is 95% of the short time fusing current limit. For test reports and verification, visit copperweld.com/powergrid/performance



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