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Magnetics Design Tables Appendix 2. Magnetics Design Tables 5 A2.6 American Wire Gauge Data AWG# Bare Area, 10^{-3} cm² Resistance, 10^{-6} Ω /cm D Apr 1th, 2024.

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Power Loss (Watts). $\Delta T = \frac{P}{kA}$ PL Ultimately, the appropriate core size for the application is the smallest core that will handle the required power with losses that are acceptable in terms of transformer temperature May 6th, 2024
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