Pt500 platinum resistor - resistance in ohms vs temperature in degrees Celsius

Formulas:

For temperatures -200°C to 0°C:

\[ R_t = R_0 \times (1 + A \times t + B \times t^2 + C \times (t - 100°C) \times t^3) \]

For temperatures 0°C to 850°C:

\[ R_t = R_0 \times (1 + A \times t + B \times t^2) \]

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The resistance at 0°C is 500 ohms.
Pt500 platinum resistor - resistance in ohms vs temperature in degrees Celsius

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Note: The table above shows the resistance of a Pt500 platinum resistor in ohms at various temperatures in degrees Celsius. The values are approximate and may vary slightly depending on the manufacturer and the specific characteristics of the resistor.
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