

# Serpentine Coil Electrical Resistance Heater

This electrical resistance heater element is designed for heat exchange applications. It features a serpentine coil configuration with multiple rectangular loops connected to a straight section, terminating in electrical connection points with ceramic insulators.



## Product Overview

### High-Efficiency Serpentine Heating Element

This electrical resistance heater is engineered for demanding heat exchange applications in industrial settings. Featuring a robust serpentine coil configuration with multiple rectangular loops, it ensures optimal heat transfer efficiency to the surrounding medium. Designed for longevity and reliable performance, this component is suitable for integration into industrial heating systems, ovens, and specialized thermal control equipment.

## Technical Specifications

Configuration	Serpentine coil with rectangular loops
Material	Metallic Alloy, High-Temperature Resistant
Terminals	Dual electrical connection points with ceramic insulators

## Applications

### Typical Applications

- Industrial heating systems
- Ovens
- Heat exchange equipment
- Controlled thermal generation