

Hi-Density Cartridge Heater

DHE® cartridge heaters are core products of DHE® tradition. Due to a specific production process and use of top quality raw materials, DHE® offers sturdiness under rough operating conditions. The special construction renders possible an extremely high surface loading temperature up to 750°C with a large power in a small area. In this way, the element assembly opens an enlarged field of application of electric heating. Standard heaters are available with equal heat distribution, but at the same time, variable watt density can also be produced on request. DHE® also offers various available options. Check the technical specifications with mounting accessories and dismantling aids.

Technical Specifications

Diameter	: 3.2 mm to 32 mm
Length	: 25 mm to 2500 mm
Operating Voltage	: 12V to 440 V
Conductor	: Ni-Cr 80/20
Insulation	: High purity MgO core & powder
Outer Sheath	: SS 304, SS310
Surface load	: 150W/ sq. inch
Working temperature	: up to 750°C at sheath
Resistance tolerance	: ±10%
Diameter tolerance	: -0.02 to -0.05
Length tolerance	: ±1% or ±3 mm
Leakage current	: < 0.5mA
High volt strength	: 0mA @ 800V
Unheated length	: connection side 10mm to 15 mm bottom side 10mm
Integrated thermocouple	: optional available "J" type or "K" type
Design	: Variable Watt density
Test certificate	: Available on request
Various types of leads & terminal protection available-see photo	

