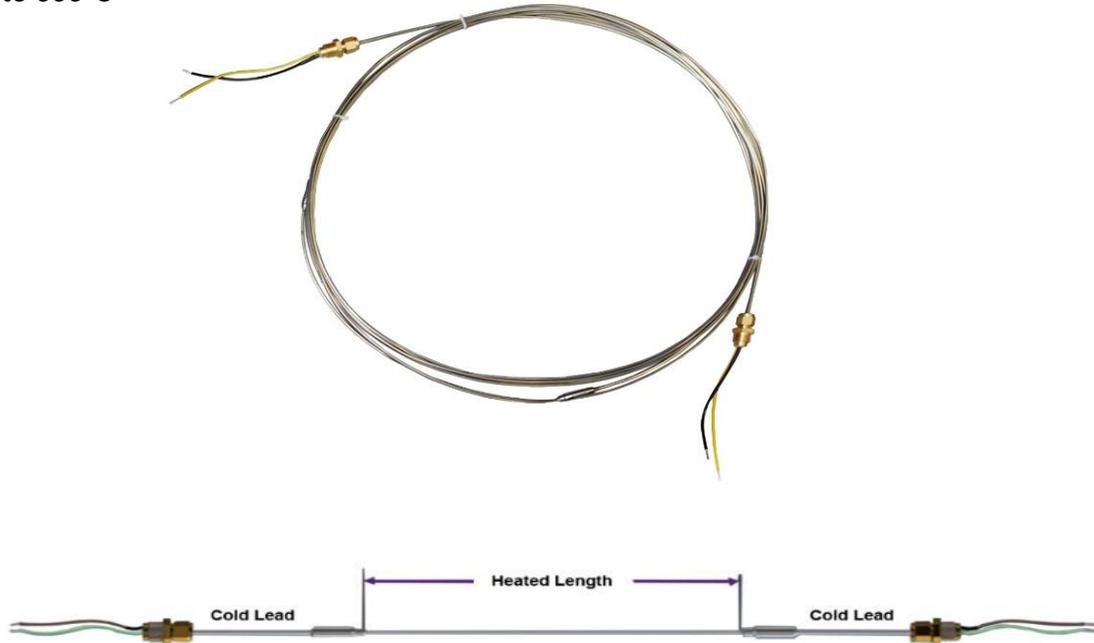


## High Tech Engineering

### Mineral-insulated heating cable MIL-HC-SS/CN

Up to 600°C

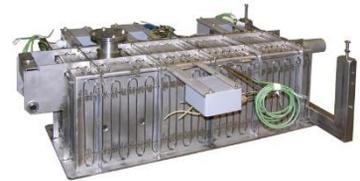


- Pre-assembled, mineral-insulated heating cable with metal sheath made of stainless steel 1.4541
- High-performance heating cable for transmitting a high heat output
- Laser welded connection technology
- The cold end can be inserted into our plenum boxes and connected using the pre-assembled M 20 x 1.5 screw connection
- **Length, voltage and power individually customizable**
- Also available in EX version according to ATEX directives

## Technical data:

Outer sheath	Stainless steel 1.4541
Insulating layer	Magnesium oxide
Inner conductor (resistance wire)	Kupfer-Nickel-Legierung
Nominal voltage	up to 500 V AC
Bending radius	5 x outer diameter
Rated power max.	up to 150 W/m depending on the operating temperature
Heating cable dimensions	∅ 3,2 – 4,9 mm
Protection class	I
Protection type	IP 67 (waterproof)
Max. temperature	600°C
Cold ends	2 x 0,5 m standard (other lengths possible)
Screw connection	M 20 x 1,5 in Brass

Resistance values	Outer diameter	Bending radius
0,16 Ω/m	4,9 mm	>32 mm
0,25 Ω/m	4,4 mm	>28 mm
0,40 Ω/m	4,0 mm	>25 mm
0,63 Ω/m	3,7 mm	>22 mm
1,00 Ω/m	3,4 mm	>20 mm
1,60 Ω/m	3,2 mm	>19 mm



Available in EX version according to ATEX directives



You can find further information and suitable accessories on our website: [www.isoheat.de](http://www.isoheat.de)

Do you have any questions or need a quote?

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