

SEH Heating cable with PFA insulation



Features

- Constant power output in W/m
- High dielectric strength up to 5 kV operation voltage
- Highly chemical resistant PFA outer insulation jacket
- Temperature resistant up to +260 °C
- Nominal production length of spool 600 m
- Rugged against abrasion

Description

Typically long line pipe work and heating elements are located in areas where access is limited. Since SEH system heating cables are installed into a carbon steel heat pipe the electrical safety against direct contact and the mechanical strength is no issue.

BARTEC solutions for SEH system heating cables offers the electrically insulated and highly temperature resistant conductor in the needed quality and with respect to the economic needs. The BARTEC engineers design the SEH system heating circuit by variation of operation voltage, cross section, maximum operation temperature and heat tube size.

The SEH heating system element generates heat used for the power output by the inductive interaction through current flow in the conductor installed in the heat pipe.

➤ Technical data

Nominal voltage	AC 2000 V or AC 5000 V
Maximum operation temperature	-60 °C to +260 °C
Max. unspliced length	600 meter in production

Heating cable with PFA insulation				
	Cross section (mm)	Diameter (mm)	Weight (kg/km)	Resistance min. DC (Ohm/km at 20 °C)
AC 2000 V	16	10.30	270	1.05
	25	11.70	380	0.72
	35	12.50	470	0.50
	50	14.50	635	0.34
AC 5000 V	16	11.30	310	1.05
	25	12.80	425	0.73
	35	14.30	530	0.50
	50	15.50	690	0.34

➤ Complete order no.

SEH heating cable safe version

AC 2000 V	cross section 16 mm ²	07-5721-2132
	25 mm ²	07-5721-2133
	35 mm ²	07-5721-2134
	50 mm ²	07-5721-2135
AC 5000 V	cross section 16 mm ²	07-5721-5232
	25 mm ²	07-5721-5233
	35 mm ²	07-5721-5234
	50 mm ²	07-5721-5235