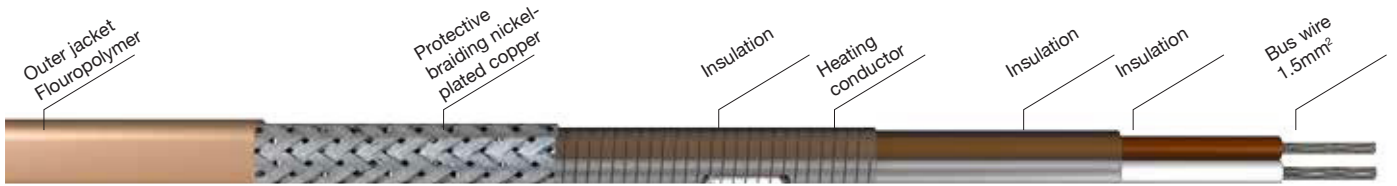


# Constant Wattage Heating Cable Type ELP/PFA up to 260°C



- **Single end power input**
- **Can be cut off the roll**
- **Constant power output per meter**
- **Long life cycle**
- **Laying without exact measuring possible**
- **High chemical resistance**
- **UV resistance**

**Applications:**

- **Vessels, piping, valves**
- **Building construction**
- **Food processing industry**
- **Paper industry**

These parallel heating cables offer tremendous flexibility in use, as they can easily be cut to the required length off the roll, with the assurance of constant power output. There is no need for a connecting cable and input can be unilateral. It is quick and easy to assemble; this saves a lot of time, and reduces costs considerably as a result. Since output of up to 60W/m is possible for lengths laid to piping, ELP parallel heating cables are particularly suitable for piping with high output requirements such as in industrial process technology. The particularly temperature-resistant outer shell in Fluoropolymer and the high level of chemical resistance of the Fluoropolymer ensure a long useful life.

**IMPORTANT!**

**This cable can be produced and delivered for hazardous areas (Ex-area, with ATEX certificate) - please state when ordering.**

**Technical Data:**

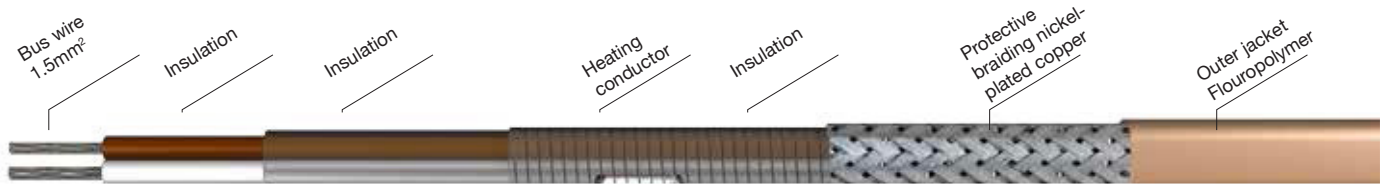
Insulation .....	Fluoropolymer
Protective braiding .....	Nickel-plated copper
Outer jacket .....	Fluoropolymer
Nominal voltage .....	230V AC/DC
Nominal temperature .....	260°C
Moisture proof .....	Yes
Bending radius, min .....	25mm
Bus wire cross section .....	2 x 1.5mm <sup>2</sup>
Installation temp., min. ....	-45°C
Start-up temp., min. ....	-45°C

**Standards:**

Manufactured acc. to .....	DIN VDE 0721-52
.....	EN 62395-1; 2007-05
Certificates .....	12ATEX1438U
.....	IECEx EPS 12.0009U
Classification .....	II 2G Ex e IIC Gb II 2D Ex tb IIIC Db

Cables shall neither intersect nor contact.  
Provide protection by means of circuit breaker FI 30.  
Please observe the standards IEC 62395-2, EN 60519-10.

# Constant Wattage Heating Cable Type ELP/PFA up to 260°C



Type	Nominal output	Working temp. max.	Dimensions approx. (mm)	Contact spacing (m)	Art no.
ELP/PFA 15 BOT	15W/m	205°C	8.0 x 5.5	1.0	
ELP/PFA 30 BOT	30W/m	190°C	8.0 x 5.5	1.0	
ELP/PFA 45 BOT	45W/m	175°C	8.0 x 5.5	1.0	
ELP/PFA 60 BOT	60W/m	160°C	8.0 x 5.5	1.0	

Bus wire cross section 2 x 2mm<sup>2</sup> upon request

### Maximum heating circuit length

Type	W7m	Length (m) at 50°C	Length (m) at 150°C
ELP/PFA 15 BOT	15	161	119
ELP/PFA 30 BOT	30	98	82.5
ELP/PFA 45 BOT	45	65.5	65.5
ELP/PFA 60 BOT	60	50	50

Heating circuit lengths ELP/PFA on the following conditions

- 16 A circuit breaker, 80% utilisation
- Max. 10% voltage drop
- Power connection to one (1) heater end

