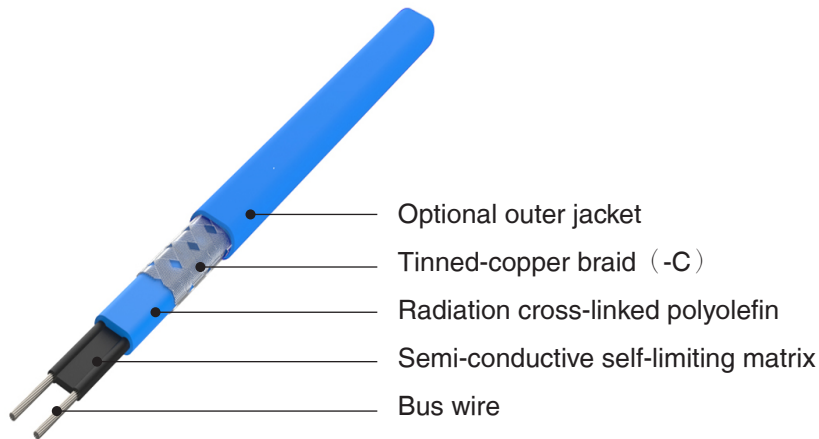


Thin Low Temp. Self-regulating heating cables

Description

LPR self-regulating heating cables is our light version for freeze protection, roof-deicing, snow melting, it can be applied in no-hazardous areas. The heating cable can be overlapped and the power output adjusts based on ambient temperature, ensuring no overheating occurs. The CT version of this heating cable can endure aggressive chemicals, oil, and fuel, leading to an impressively long operational lifespan. The CP version of this heating cable comes with a UV inhibitor, making it suitable for roof placement. It effectively melts ice and snow, providing a reliable solution for weather-related challenges.

Cable Construction



Ordering Information

	<input type="checkbox"/>	LPR	<input type="checkbox"/>	-	EU	<input type="checkbox"/>	<input type="checkbox"/>
Power Output (10, 16, 26, 32W/m, 10°C)	<input type="checkbox"/>						
Supply Voltage (2:208-240V)	<input type="checkbox"/>						
Tinned-copper Braid (-C)	<input type="checkbox"/>						
Outer Jacket (R: Thermoplastic T: Fluoropolymer P:TPE(UV Inhibitor))	<input type="checkbox"/>						

Application

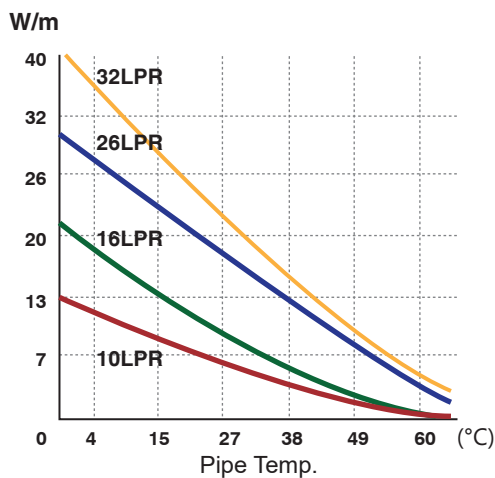
LPR self-regulating heating cables is our light version for temperature up to 65 °C. It offers the advantage of being field-adjustable in terms of length, eliminating the need for any complicated design considerations. With different jacket options, it enables applications such as preventing pipe freezing, ensuring ice-free roofs and gutters, and enduring exposure to harsh chemicals, oil, and fuel

Characteristics

Bus Wires	LPR: 1.3 mm ² Tinned-copper wires			
	LPR...-S: 1.0 mm ² Tinned-copper wires			
Metallic Braid	Tinned copper			
Outer Jacket	CR: Thermoplastic CT: Fluoropolymer CP: UV inhibitor			
Supply Voltage	230V			
Temperature Rating		Weights and Dimensions		
		Type	Dimensions	Weight
Maximum Maintain Temperature	65°C	LPR-CR	10.9*6.0	11Kg/100m
Maximum Exposure Temperature	85°C	LPR-CT	10.3*5.4	10.3Kg/100m
Minimum Installation Temperature	-20°C	LPR-CP	10.9*6.0	10.6Kg/100m
Power Output	10,16, 26,32 W/m	Minimum Bend Radius	25mm (at -20°C)	

Maximum Cable Length (m) vs. Circuit Breaker Size

230V Service Voltage		Maximum circuit length (m) per circuit breaker			
Model#	Start-up Temp.(°C)	15A	20A	30A	40A
10LPR	10°C	170	187	187	187
	-15°C	151	175	187	187
	-30°C	113	153	187	187
16LPR	10°C	132	137	156	156
	-15°C	115	128	156	156
	-30°C	83	109	156	156
26LPR	10°C	85	109	120	120
	-15°C	75	99	120	120
	-30°C	56	78	116	120
32LPR	10°C	63	81	104	104
	-15°C	57	73	100	102
	-30°C	47	61	92	102



Accessories

E-POLY supplies a complete range of accessories including power connection (EZK-PPC) / termination (EZK-PT) /splice kits (EZK-S) and end seals (EZK-ES). These items are recommended for the correct operation of FLN products.

Further information

Please consult the appropriate termination instructions and the E-POLY Installation, Testing and Maintenance Manual for further details.