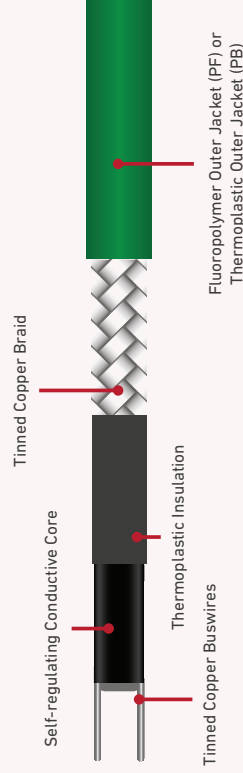


## HEAT TRACING SOLUTIONS

### Cable Construction



### Introduction

All of our Self-Regulating Heating Cables can be cut to length and provide the most versatility in heat trace designs and applications. These product lines are constructed of an advanced semi conductive heater matrix extruded between parallel bus wires, a self-regulating cable adjusts its output to independently respond to ambient temperatures all along its length. As the temperature increases, the heater's resistance increases which lowers the output wattage. Conversely, as the temperature decreases, the resistance decreases and the cable produces more heat. This product will not overheat or burnout. Our products are manufactured to international standards within ISO certified production facilities.

### Technical Data

Output Wattage: 10, 15, 25, 30 (W/m)  
 Maximum Maintain Temperature: 65°C  
 Maximum Exposure Temperature: 85°C  
 Minimum Intallation Temperature: -10°C  
 Work Voltage: 110V-120V / 220-240V

**SSR Series:**  
 SSR-P: Tinned Copper Metal Braid  
 SSR-PB: Thermoplastic Outer Jacket  
 Max Resistance of Braid:  $\leq 18.2\Omega/\text{km}$   
 Conductor: 0.56 mm<sup>2</sup>  
 Approvals: CE, GOST

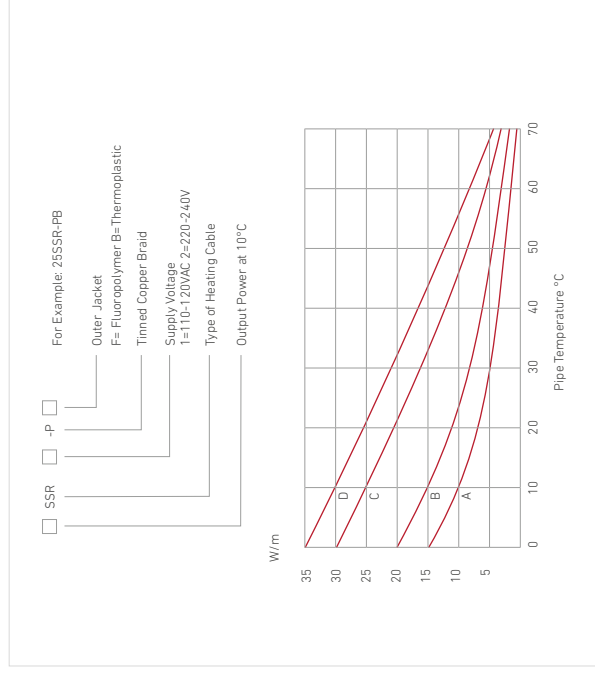
### Application

This product is generally used for frost protection of water lines and associated items. Self-limiting cables allow a more flexible installation, as the length can be freely adapted to any requirement. Additionally we offer this product ready assembled with integral cold tail and plug. The pre terminated range allows for quick and simple installation without the need for terminations etc.

This cable range is energy-saving and approved for installation in drinking water.

### Power Output

Nominal Power Output at 230V @+10°C	
A	10SSR
B	15SSR
C	25SSR
D	30SSR



**Thermal Ratings:** Nominal output of our cables are with the product installed on a metallic pipe. As outlined within IEC 62395 and IEC 60079-30

### Technical Summary

Part Number	Output Power @ +10°C (W/m)	Maximum Maintenance Temperature (°C)	Max Length @ +10°C 16/25A (m)	Max Length @ +0°C 16/25A (m)	Max Length @ -20°C 16/25A (m)	Dimension (mm)	Weight (kg/100m)
10SSR-PB	10	65	60/80	54/70	40/60	8.3x5.4	6.6
10SSR-PF	10	65	60/80	54/70	40/60	8.0x5.1	6.0
16SSR-PB	16	65	57/86	51/68	38/55	8.3x5.4	6.6
16SSR-PF	16	65	57/76	51/68	38/55	8.0x5.1	6.0
24SSR-PB	24	65	46/55	38/50	33/49	8.3x5.4	6.6
24SSR-PF	24	65	46/55	38/50	33/49	8.0x5.1	6.0
30SSR-PB	30	65	37/45	35/43	30/39	8.3x5.4	6.6
30SSR-PF	30	65	37/45	35/43	30/39	8.0x5.1	6.0