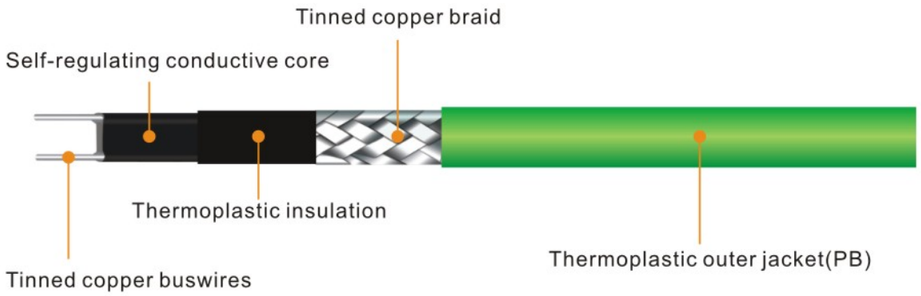
HWSR

Up to 90℃
How water supply pipe
Freeze protection &
Temperature maintenance

Cable Construction



Introduction

HWSR Self Regulating Heating Cables is highly efficient both to protect from freezing and to maintain temperature for hot water supply pipes. Constructed of a semiconductive heater matrix extruded between parallel bus wires, a self- regulating cable adjusts its output to independently respond to ambient temperature all along its length. It will never overheat or burnout even when wrapped by itself (overlapped). It can also be cut to any length. The result — an energy efficient heating cable.

Especially, the self-regulating conductive core and insulation jacket of HWSR are treated with irradiation cross-linking reaction, yielding excellent heat resistance and cable stability in long term operation.

Technical data

Output Wattage:	15, 25, 30(W/m)
Maximum maintain temperature:	90°C
Maximum exposure temperature:	120°C
Minimum installation temperature:	-10°C
Work voltage:	110V- 120V / 220-240V
HWSR Series:	
HWSR-P:	Tinned copper metal braid
HWSR-PB:	Thermoplastic outer jacket
Max resistance of braid	⩽18.2Ω/km
Bus wire gauge	18AWG
Approvals:	CE

HWSR

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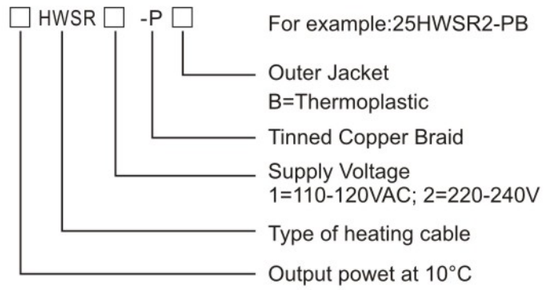
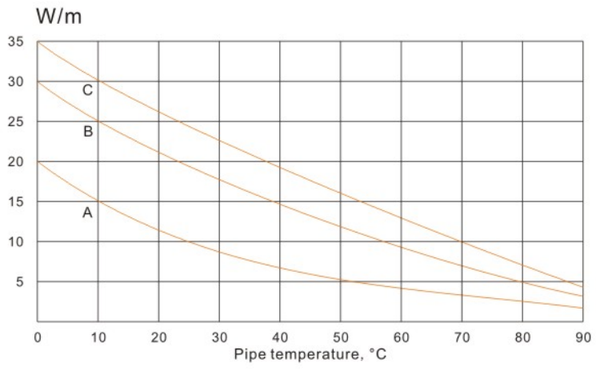
Application

HWSR is very effective to protect hot water supply pipes from freezing with low energy consumption.

Power Output

Nominal	A	15HWSR
output at 230 VAC	B	25HWSR
@+10°C	C	30HWSR





Technical Summary

Copper bus wires	18AWG	
Nominal power output	15,25,30W/m	at 10°C in air
	130meters	15HWSR
Max. circuit length	110meters	25HWSR
	100meters	30HWSR