

SELF LIMITING HEATING CABLE

W-CABLE - WARM WATER

FOR TEMPERATURE MAINTENANCE, FOR DOMESTIC HOT WATER, WARM WATER PIPE, OILY WASTEWATER, TANK, VALVES, ALSO TO AVOID THE RISK OF LEGIONELLA, ...

By using our heat tracer you get the best heat tracing system. They are designed to maintain networks of warm water temperature and avoid the risk of legionella.

Self Limiting or Self Regulating Technology allows easy operation safely. The power changes depending on the temperature and prevents overheating. When it is cold, the polymer shrinks and facilitates the flow of current, thereby increasing the temperature of the cable. As it gets warmer, the polymer expands and prevents the current: the Self Regulating cable heats less than before.

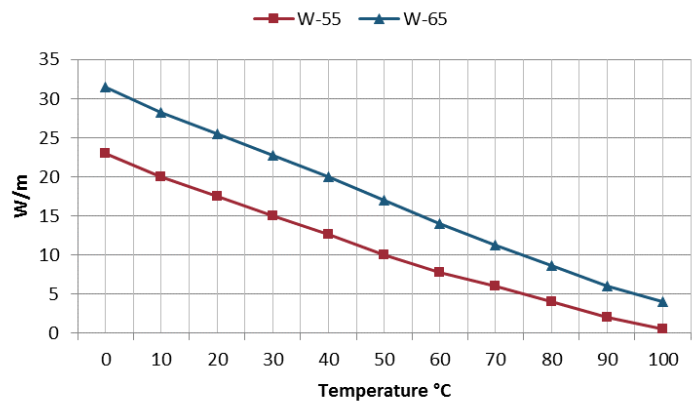
Finally, a « parallel » technology allows the cable to be cut to desired length directly on the site. Exact fit the length of heating cable for your needs.

The CableBox storage system on coil allows easy handling, quick and convenient. This product is in stock and can be used with the fast connector system DomoClick®



DESCRIPTION

1. Bus wire Cu nickel-plated (2x1.23mm²)
2. Self limiting heating element
3. Insulation
4. Tin-plated copper protective earth wires with Protective aluminium foil
5. Thermoplastique outer jacket



Reference	Désignation	Power	Dimension First Insulation
W-55	Self Regulating Cable with first insulation jacket	9 W/m at 55°C	11.20 x 3.40 (mm)
W-65	Self Regulating Cable with first insulation jacket	13 W/m at 65°C	11.20 x 3.40 (mm)

Reference	Désignation	Power	Dimension First Insulation	Dimension with overkacket
W-55-AO	Self Regulating Cable with Alufoil and Overjacket	9 W/m at 55°C	11.20 x 3.40 (mm)	11.70 x 4.70 (mm)
W-65-AO	Self Regulating Cable with Alufoil and Overjacket	13 W/m at 65°C	11.20 x 3.40 (mm)	11.70 x 4.70 (mm)

DATASHEET

Nominal Voltage 230V
 Tolerances -0/+5 W
 Maximum exposure temperature (energised) 80°C
 Maximum exposure temperature (deenergised) 100°C
 Minimum Bending Radius 27 mm
 Minimum installation temperature -20°C

Maximum length circuit:
 W-55..... 130 m
 W-65..... 110 m

Weight approx 90 kg/km



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CIRCUIT LENGTH*

DESIGNATION	STARTING TEMPERATURE (°C)	MAXIMUM LENGTH (m)		
		16A	20A	32A
W-55	20	130	-	-
	55	130	-	-
W-65	20	110	-	-
	65	110	-	-

*Maximum Circuit lengths with ELCB curve C

The protection of each circuit shall be in accordance with NF C 15-100.

The protection of persons is ensured by a residual current of 30 mA maximum for each 7.5 kilowatts maximum. The heaters are supplied at 230 volts.

PACKING

Standard length stored on reel: 500m

PRINTING

Batch Number and technical information printed in order to ensure quality and tracability.

Other printing on demand

INSTALLATION

WORLDTRACE self-regulating cables must be installed according to standards prevailing at the date of installation (technical requirements specification for implementation of NF C 15-100, VDE ...) where they apply, and the recommendations of use.