

**CABLURI DE INCALZIRE
HEATING CABLE**

Standard de referinta: SR CEI 60800
DIN VDE 0253

Domeniul de utilizare:

Cablurile sunt utilizate in instalatii fixe pentru confortul termic si protectie impotriva formarii ghetii .Cablul de incalzire are functia de a iradia caldura.

Temperatura nominala: +160 °C
Temperatura la suprafata: +90 °C

Tensiune max de lucru: 300/500 V
Tensiunea de incercare: 3 kV c.a sau 7.5 kV cc
Rezistente de izolatie: min 1 M*km

Constructie:

Conductor din sarma rezistiva
Izolatie: cauciuc
Manta : poliuretan

Culoare manta: neagra (alte culori)

Marcaj: Efficient Heating Systems -
Kanthal Wire – 90oC – 300/500 V
03.2011 – 00001 m CE

Distanta intre marcaje: 1000 mm

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Applicability:

The cables are used in fixed installations that provide heating and protection against ice buildup. The cable is designed to emit heat.

Rated temperature: +160 °C
Surface temperature: +90 °C

Max. operational voltage: 300/500 V
Testing voltage: 3 kV c.a sau 7.5 kV cc
Insulation resistivity: min. 1 M*km

Structure:

Resistive wire conductor
Layer: rubber
Sheath: poliurethane

Sheath color: black (other colors)

Marking: Efficient Heating Systems -
Kanthal Wire – 90oC – 300/500 V
03.2011 – 00001 m CE

Distance between markings: 1000 mm

Simbol cablu: H5YQU2Y 1x0.21mm² 90°C

Semnificatia:

1 - unu conductor

0.21 - sectiune sarma rezistiva

90°C - temperatura de lucru a cablului

H - cablu de incalzire

5Y - izolatie din cauciuc

2Y - invelis protector din poliuretan

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Nr cond x Sectiune nominala a cond. <i>Nominal</i> <i>crosssection</i> <i>of conductor</i> mm²	Nr sarme x diam <i>Conductor</i> <i>construction</i>	Grosime radianta izolatie nom/min <i>Min.insulatio</i> <i>n thickness</i> mm	Grosime radianta manta nom/min <i>Radial</i> <i>thickness of</i> <i>sheath</i> mm	Diametru exterior <i>Outer</i> <i>diameter</i> mm
1x0.21	3x0.3	0.5/0.35	1.1/0.84	4