

**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: +180 °C
Temperatura la suprafata: +70 °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: teflon
Strat intern de polietilena
Ecran : Folie Alu/Pet 21/20 µ
Fire continuitate: 6x0.2 stanat
Manta : PVC

Culoare manta: neagra (alte culori)

Marcaj: Efficient Heating Systems -
Kanthal Wire – 70oC – 300/500 V
03.2011 – 00001 m CE

Distanta intre marcaje: 1000 mm

Reference standard: SR CEI 60800
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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: +180 °C
Surface temperature: +70 °C

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

Structure:

Resistive wire conductor
Layer: polytetrafluorethylen
Insulation: polyethylene
Screen: Alu/Pet film 21/20 µ
Continuity tinned copper wire: 6x0.2 mm
Sheath: PVC

Sheath color: black (other colors)

Marking: Efficient Heating Systems -
Kanthal Wire – 70oC – 300/500 V
03.2011 – 00001 m CE

Distance between markings: 1000 mm

Simbol cablu: H5YQU2Y 1x0.21mm² 70°C

Semnificatia:

1 - unu conductor

0.21 - sectiune sarma rezistiva

70°C - temperatura de lucru a cablului

H - cablu de incalzire

5Y - izolatie din politetrafloretilena (teflon)

QU - ecran metalic

2Y - invelis protector din PVC

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Nr cond x Sectiune nominala a cond.	Nr sarme x diam	Grosime radianta izolatie nom/min	Grosime radianta manta interna nom/min	Grosime radianta manta nom/min	Diametru exterior
<i>Nominal crosssection of conductor mm²</i>	<i>Conductor construction</i>	<i>Min.insulatio n thickness mm</i>	<i>Radial thickness of sheath mm</i>	<i>Radial thickness of sheath mm</i>	<i>Outer diameter mm</i>
1x0.21	3x0.3	0.5/0.35	0.8/0.58	1.1/0.84	6