

**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:** +80 °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 : MDPE

**Culoare manta:** neagra (alte culori)

**Marcaj:** Efficient Heating Systems -  
Kanthal Wire – 80oC – 300/500 V  
03.2011 – 00001 m CE

**Distanta intre marcaje:** 1000 mm

**Reference standard:** SR CEI 60800  
DIN VDE 0253

**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:** +80 °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: rubber  
Sheath: MDPE

**Sheath color:** black (other colors)

**Marking:** Efficient Heating Systems -  
Kanthal Wire – 80oC – 300/500 V  
03.2011 – 00001 m CE

**Distance between markings:** 1000 mm

*Simbol cablu: H5YQU2Y 1x0.21mm<sup>2</sup> 80°C*

*Semnificatia:*

*1 - unu conductor*

*0.21 - sectiune sarma rezistiva*

*80°C - temperatura de lucru a cablului*

*H - cablu de incalzire*

*5Y - izolatie din cauciuc*

*2Y - invelis protector din MDPE*

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<b>Nr cond x</b> <b>Sectiune</b> <b>nominala a</b> <b>cond.</b> <i>Nominal</i> <i>crosssection</i> <i>of conductor</i> <b>mm<sup>2</sup></b>	<b>Nr sarme x</b> <b>diam</b>  <i>Conductor</i> <i>construction</i>	<b>Grosime</b> <b>radianta</b> <b>izolatie</b> <b>nom/min</b> <i>Min.insulatio</i> <i>n thickness</i>  <b>mm</b>	<b>Grosime</b> <b>radianta</b> <b>manta</b> <b>nom/min</b> <i>Radial</i> <i>thickness of</i> <i>sheath</i> <b>mm</b>	<b>Diametru</b> <b>exterior</b>  <i>Outer</i> <i>diameter</i>  <b>mm</b>
1x0.21	3x0.3	0.5/0.35	1.1/0.84	4