

ALSECURE® H(st)H Cca

ALSECURE® H(st)H Cca 6x2x0.8 mm grey

Contact

Product Management
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Nexans Ref.: 10539092

EAN 13: 5413404313297

H(st)H Cca is a halogen free signal cable according to fire classification Cca-s1,d1,a1 for usage in low voltage installations with a high fire hazard level

DESCRIPTION

Application

ALSECURE® H(st)H Cca is a halogen free signal cable according to fire classification Cca-s1,d1,a1 for usage in signal applications in low voltage installations with a high fire hazard level. The metallised foil protects against interference with external electrical fields.

Description

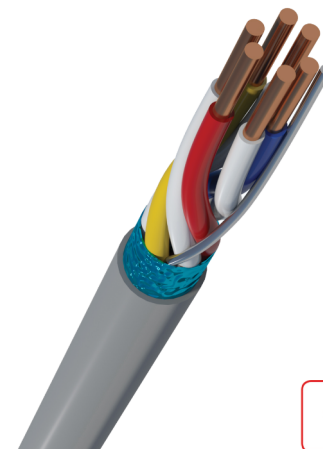
- Conductor: 0.8 mm solid plain copper, class 1
- Insulation: PE
- Conductors brunched into pairs (except for 1x4x0,8 = 1quad)
Pairs laid up in concentric layers
- Plastic seperating foil over cable core
- Screening: Metallised foil over drain wire
- Outher sheath: Fire retardant LSZH
Colour: Grey

Marking

NEXANS-NL ALSECURE® H(st)H Cca NxPxS mm
N = no. of pairs, P = pair or quad, S = section in mm

Core Identification

according NEN 1597 (see technical data, table A)



DECLARATION OF PERFORMANCE

Cca-s1,d1,a1

STANDARDS

International IEC 60332-1



Conductor flexibility
Solid



Cable flexibility
Rigid



Mechanical resistance to impacts
Normal domestic use



Ambient installation T°C range
-5 - 50 °C



Operating temp.
-15 - 70 °C



Bending factor when laying
16 (xD)

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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CHARACTERISTICS

Construction characteristics

Outer sheath	LSZH
Conductor material	Plain copper
Sheath colour	Grey
Conductor flexibility	Solid
Insulation	PE
Screen	Metallised foil over drain wire

Dimensional characteristics

Number of pairs	6
Conductor diameter	0.8 mm
Nominal outer diameter	7.3 mm
Approximate weight	100 kg/km
Diameter over insulation	- mm
Number of cores	2

Electrical characteristics

Maximal capacity at 800Hz	- nF/km
Capacitance unbalance pair to pair	- pF/km
Capacitance unbalance pair to ground	- pF/km
Ohmical resistance of the insulation	1000 MOhm.km
Breakdown voltage	0.8 kV
Maximum operating voltage	150 V
Max. DC resistance of the conductor at 20°C	38.2 Ohm/km

Mechanical characteristics

Cable flexibility	Rigid
Mechanical resistance to impacts	Normal domestic use

Usage characteristics

Field of application	Indoor
Ambient installation temperature, range	-5 - 50 °C
Operating temperature, range	-15 - 70 °C
Bending factor when laying	16 (xD)
Resistance to vibrations	No

SELLING AND DELIVERY INFORMATION

Marking: NEXANS-NL ALSECURE® H(st)H Cca NxPxS mm (N=No of pairs/quad, P=paar or quad, S=section in mm)