

VOBbox H07V-U Eca

VOB-VDBOX H07V-U Eca 1.5 GREY D100 P24km

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VOBbox H07V-U Eca is an installation wire in a handy box. H07V-U Eca is a solid PVC installation wire intended for protected fixed domestic and industrial installations. Installation may be in pipes or gutters embedded in the wall or floor or surface mounted. H07V-U Eca has a very low friction factor which makes it easy to slide and pull into pipes. In addition, H07V-U Eca is **easy to strip**, making it quick to process. **The box of the VOBbox has the same color as the wire in it.** The section is also clearly legible on all sides. This ensures that you have the right wire in place immediately. The cardboard of the VOBbox is also **extra moisture-resistant**, ideal for damp construction sites. Furthermore, the box is designed to keep spiral formation to a minimum. This further **facilitates the wire pulling and makes it even easier to work with**. H07V-U Eca meets fire class Eca according to EN 50575.

DESCRIPTION

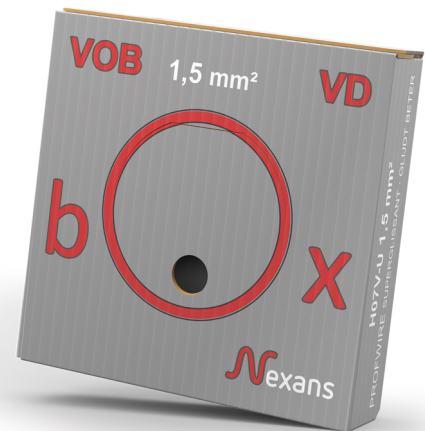
Application

The colored box packaging **VOBbox** is made of special strong moisture resistant cardboard. Easy to use in humid conditions or in bad weather. The **VOBbox** is available in 6 different colors, with the color of the box corresponding to the color of the wire inside .

H07V-U Eca is an installation wire according to fire classification Eca for use indoor in residential and similar installations with a low fire hazard level. They have a low friction coefficient and are suitable for fixed installation in tubes or skirting-board systems.

Design

- Conductor: Bare copper, solid, class 1
- Insulation: Special PVC, with enhanced sliding properties
- Section: 1.5 mm² and 2.5 mm²
- Packaging: 100m in the VOBbox, a moisture-proof cardboard with color recognition



DECLARATION OF PERFORMANCE

Eca

STANDARDS

International EN 50525-2-31



Conductor flexibility
Solid class 1



Halogen free
No



Rated Voltage Uo/U
(Um)
450 / 750 V



Bending factor when
laying
4 (xD)



Max. conductor temp. in
service
70 °C



Operating temp.
0 - 60 °C



Chemical resistance
Medium

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

Conductor material	Copper
Conductor shape	Round, massive
Conductor flexibility	Solid class 1
Insulation	PVC
Wire colour	Grey
Halogen free	No

Dimensional characteristics

Number of cores	1
Conductor cross-section	1.5 mm ²
Average insulation thickness	0.7 mm
Nominal outer diameter	2.8 mm
Approximate weight	20 kg/km

Electrical characteristics

Rated Voltage U ₀ /U (U _m)	450 / 750 V
Permissible current rating in open air	18 A
Voltage drop, single phase	14.8 V/A.km

Usage characteristics

Bending factor when laying	4 (xD)
Field of application	Indoor
Max. conductor temperature in service	70 °C
Operating temperature, range	0 - 60 °C
Resistance to vibrations	Moderate
Chemical resistance	Medium
Packaging	Box
Length	100 m