

# H07V-U - Eca Class

450 / 750 V PVC insulated non-sheathed single core cables

## DESCRIPTION

### Application:

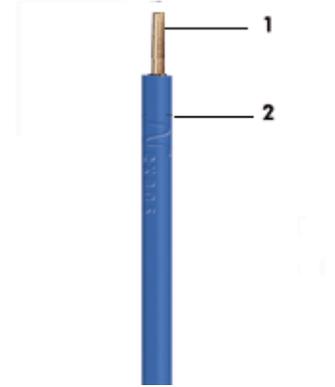
In dry rooms, switching and distribution panels, for laying in conduit on and under plaster and or on insulating supports above plaster.

### Construction:

1. Conductor: Copper
2. Insulation: PVC

### Marking:

NEXANS i BS EN 50525-2-31 H07V-U Number of cores x cross section 450/750 V BASEC 'YEAR'



## STANDARDS

International EN 50525-2-31

## CHARACTERISTICS

### Construction characteristics

Conductor shape	Circular solid (RE)
Insulation	PVC

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U (Um)	450 / 750 V
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### Usage characteristics

Operating temperature, range	-20 .. 60 °C
Short-circuit max. conductor temperature	160 °C
Flame retardant	EN 60332-1-2

## CHARACTERISTICS

Cross section [mm <sup>2</sup> ]	Nom. outer diam. [mm]	Conductor electrical resistance [Ohm/km]	Approx. weight [kg/km]	Perm. current rating open air [A]
1.5	2.8	12.1	20	18



Rated Voltage U<sub>0</sub>/U (Um)  
450 / 750 V



Operating temp.  
-20 .. 60 °C



Flame retardant  
EN 60332-1-2

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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Cross section [mm <sup>2</sup> ]	Nom. outer diam. [mm]	Conductor electrical resistance [Ohm/km]	Approx. weight [kg/km]	Perm. current rating open air [A]
	2.8	12.1	20	18
2.5	3.3	7.41	30	25

## PRODUCT LIST

Nexans ref.	Country ref.	Name	Colour
 10520401	TR	H07V-U 1G1.5 mm <sup>2</sup> HONG KONG GREEN/YELLOW 500M	Green / yellow
 10520402	TR	H07V-U 1X1.5 mm <sup>2</sup> HONG KONG BLACK 500M	Black
 10520403	TR	H07V-U 1X1.5 mm <sup>2</sup> HONG KONG BROWN 500M	Brown
 10520404	TR	H07V-U 1X1.5 mm <sup>2</sup> HONG KONG BLUE 500M	Blue
 10520405	TR	H07V-U 1X1.5 mm <sup>2</sup> HONG KONG GREY 500M	Grey
 10520601	TR	H07V-U 1X1.5 mm <sup>2</sup> HONG KONG ORANGE 500M	Orange
 10520602	TR	H07V-U 1X1.5 mm <sup>2</sup> HONG KONG WHITE 500M	White
 10520406	TR	H07V-U 1G2.5 mm <sup>2</sup> HONG KONG GREEN/YELLOW 500M	Green / yellow
 10520407	TR	H07V-U 1X2.5mm <sup>2</sup> HONG KONG BROWN 500M	Brown
 10520408	TR	H07V-U 1X2.5 mm <sup>2</sup> HONG KONG BLACK 500M	Black
 10520409	TR	H07V-U 1X2.5 mm <sup>2</sup> HONG KONG GREY 500M	Grey
 10520410	TR	H07V-U 1X2.5 mm <sup>2</sup> HONG KONG BLUE 500M	Blue

 = Make to order,  = In stock



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



Operating temp.  
-20 .. 60 °C



Flame retardant  
EN 60332-1-2

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