



H07V2-U (EK90)



-30°C min



90°C max



Flame-retar
dant

H07V2-U is a 90°C PVC insulated solid conductor. Suitable for fixed installation. To be installed in conduit or duct systems, or as connection wire to be used in switch cabinets and similar applications.

STANDARDS

Conductor

IEC 60228 Class 1

Flame retardant

EN 50575:2014+A1:2016

IEC 60332-1-2

Construction

EN 50525-2-31

CONSTRUCTION

Labeling example

AMO H07V2-U

Bending radius - Final mount fixed

4 xOD

PROPERTIES

Max temperature

90 °C

Min. temperature

-30 °C

AC Voltage rating U_0/U

450/750V

CPR class

Eca

APPROVAL



CONSTRUCTION

Conductor

Class 1 Bare

Insulation

PVC

Color

According to EN 50525-1



Name	Outer diameter [mm]	Installation Current in open air, ambient temperature 30°C [A]	Max resistance of conductor @20°C [Ω/km]	Total weight [kg/km]
H07V2-U 1,5	2.8	24	12.1	20
H07V2-U 2,5	3.4	32	7.41	31
H07V2-U 4	3.8	42	4.61	46
H07V2-U 6	4.3	54	3.08	68
H07V2-U 10	5.4	73	1.83	111

This document is automatically generated and is to be used as a guide only. May contain theoretical data. Images are for illustrative purposes only. No liability is accepted following the use of this data. Changes may be made without prior notice. It is the responsibility of the end user to determine suitability for any given application. E&OE. Copyright ©2026 Amokabel. All Rights Reserved.