



H07V2-R (FK90)



-30°C min



90°C max



Flame-retardant

H07V2-R is a 90°C PVC insulated stranded 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

Flame retardant

EN 50575:2014+A1:2016

IEC 60332-1-2

Conductor

IEC 60228 Class 2

Construction

EN 50525-2-31

CONSTRUCTION

Conductor

Class 2 Bare or tinned

Insulation

PVC

Color

According to EN 50525-1

Labeling example

AMO H07V2-R

Bending radius - Final mount fixed

4 xOD

PROPERTIES

AC Voltage rating U_0/U

450/750V

PROPERTIES

Max temperature

90 °C

Min. temperature

-30 °C

CPR class

Eca



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-R 1,5	3	24	13.3	21
H07V2-R 10	6.1	73	1.91	109
H07V2-R 16	7	98	1.21	163
H07V2-R 2,5	3.6	32	7.98	32
H07V2-R 25	8.6	129	0.78	258
H07V2-R 35	9.8	158	0.554	343
H07V2-R 4	4.1	42	4.95	46
H07V2-R 6	4.7	54	3.3	68

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