

# H03VVH2-F

## Flexible cables



Standard: EN 50525-2-11



### Design

1. Copper conductor flexible class 5
2. PVC insulation
3. PVC outer sheath

### Application

Cables are designed for using in domestic premisses and offices for light duty applications and household appliances, (e.g. music equipment, table and standard lamps, office equipment). Cables are not suitable for connecting cooking and heating devices, for outdoor installation or use in commercial facilities.

Installation of the product should only be carried out by personnel trained and qualified for electrical works. The product is designed according to recognized standards. Applicable rules of installation must be applied at all times.

### Properties

Rated voltage U <sub>o/U</sub>	0,3/0,3 kV	Self-extinguishing of one cable	IEC 60332-1-2
Test voltage	2 (AC) kV	CPR-Classification	Eca
Maximal short-circuit conductor temperature	150 °C	UV stability	no
Maximal operating conductor temperature	70 °C	Packaging	drum, coil, box
Temperature range	-15*) up to 70 °C	Certificate	BBJ-HAR
Minimal storage temperature	-15 °C	RoHS	yes
Colour of insulation	HD 308 S2	REACH	yes
Colour of sheath	white or black, different colours for request	Declaration of Conformity EU (CE)	yes

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**Technical data**

No. of cores and cross-section	Diameter of conductor	Thickness - nominal insulation	Thickness - nominal sheath	Diameter informative	Weight informative	Minimal radius of bend	Max. effective resistance conductor at 20°C	Max. permitted pulling force *1
mm <sup>2</sup>	mm	mm	mm	mm	kg/km	mm	Ω/km	N
2x0,5	0,9	0,5	0,6	3,0 x 4,8	25	19	39,0	50
2x0,75	1,1	0,5	0,6	3,2 x 5,2	32	21	26,0	75

\*1 Force is distributed over all cable conductors

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**Note**

\*) Cable must not be mechanically stressed, if temperature drops below 5°C.