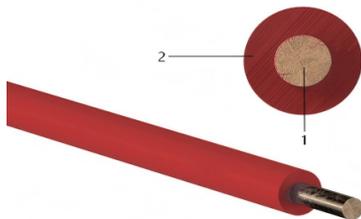


Standard: EN 50525-2-31



Design

1. Copper conductor - round, solid class 1
2. PVC insulation

Application

H07V-U cables are engineered for surface mounting or installation within conduits and closed trunking systems. They are ideal for internal wiring of equipment and lighting fixtures, as well as for fixed, protected installations in control and signaling circuits.

Note: Installation must be performed exclusively by qualified personnel. This product complies with recognized industry standards, and all applicable installation regulations must be strictly adhered to.

Properties

Rated voltage U ₀ /U	0,45/0,75 kV	Self-extinguishing of one cable	IEC 60332-1-2
Test voltage	2,5 (AC) kV	CPR-Classification	Eca
Maximal short-circuit conductor temperature	160 °C	UV stability	no
Maximal operating conductor temperature	70 °C	Packaging	drum, coil
Temperature range	from -30 *) up to 70 °C	Certificate	HAR
Minimal temperature for laying and manipulation	5 °C	RoHS	yes
Minimal storage temperature	-30 °C	REACH	yes
Colour of insulation	HD 308 S2	Declaration of Conformity EU (CE)	yes

H07V-U

Technical data

No. of cores and cross-section mm ²	Diameter of conductor mm	Thickness - nominal insulation mm	Diameter informative mm	Weight informative kg/km	Minimal radius of bend mm	Max. effective resistance conductor at 20°C Ω/km	Current carrying capacity single cable in air *1 A	Max. permitted pulling force N
1x1,5	1,3	0,7	2,7	19	13	12,1	24	75
1x2,5	1,7	0,8	3,3	30	16	7,41	32	125
1x4	2,2	0,8	3,8	45	19	4,61	43	200
1x6	2,7	0,8	4,2	63	21	3,08	55	300
1x10	3,5	1,0	5,4	105	27	1,83	77	500

*1 Air temperature: 30 °C

Note

*) Cable must not be mechanically stressed, if temperature drops below -15°C.