



GENERAL DESCRIPTION

H07V-U cables are good solution for power and lighting circuits, also for building wiring. It is suitable for semi-flush exposed conduits and embedded conduits and closed installation ducts. Ideal for internal wiring of appliances.

TECHNICAL CHARACTERISTICS

- Maximum temperature rating of the conductor: + 70 °C
- Lowest installation temperature: - 5 °C
- Lowest temperature in operation -30°C
- Test Voltage (AC): 2,5 kV
- Max. Short Circuit Temp : 160 °C
- Min bending radius at installation 6 x D
- Max Tensile strain at installation 50 N/mm²

STANDARD

Cable comply with the following standards:

- EN 60525-2-31
- EN 60228
- IEC 60332-1-2

CONSTRUCTION

1. Conductor: Class 5 flexible copper conductor
2. Insulation: PVC

The above design is only a sample of the options available. Contact our sales team for other specifications. Our policy of continuous improvement may result in a change of specifications without notice.

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Technical Specification	TDS-202205375	11.03.2022	1	1

Rated Cross Section mm ²	Overall Diameter mm	Insulation thickness mm	Weight kg/km	Conductor DC resistance (20°C) Ω/km
1x1.5	3	0.7	20	13.3
1x2.5	3.6	0.8	32	7.98
1x4	4.1	0.8	46	4.95
1x6	4.7	0.8	64	3.3
1x10	6	1.0	109	1.91
1x16	7.2	1.0	164	1.21
1x25	8.9	1.2	254	0.78
1x35	10.7	1.2	357	0.554
1x50	13.1	1.4	517	0.386
1x70	15	1.4	715	0.272
1x95	17.3	1.6	932	0.206
1x120	19.3	1.6	1185	0.161
1x150	21.5	1.8	1482	0.129
1x185	23.6	2.0	1778	0.106
1x240	26.8	2.2	2350	0.0801

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Technical Specification	TDS-202205375	03.09.2021	1	2