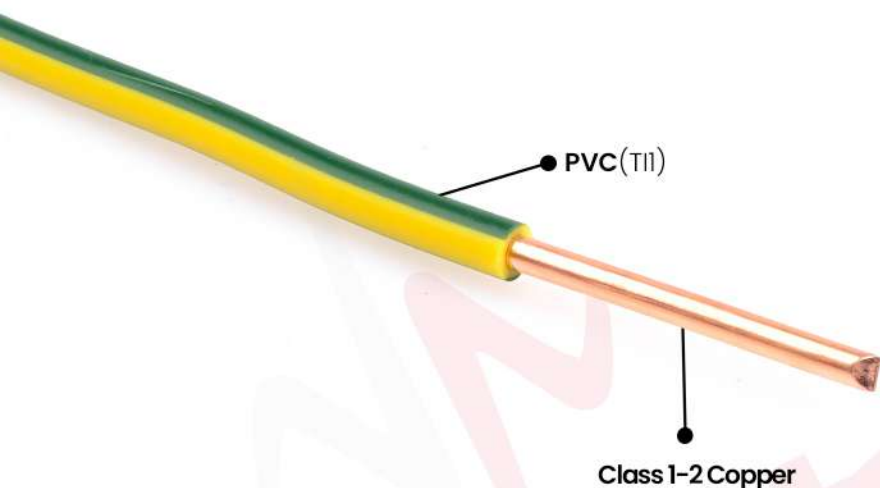


H05V-U / H07V-U / H07V-R

PVC INSULATED SINGLE CORE INSTALLATION CABLES



TYPE: H05V-U / H07V-U / H07V-R

STANDARDS: BS EN 50525-2-31:2011

TECHNICAL DATA:

Max. Operating Temperature: +70°C

Rated Voltage:

H05V-U (300/500V), H07V-U/R (450/750V)

Declared Performance:

Eca (EN 50575:2014/A1:2016)

Flame Retardant according to IEC/EN 60332-1-2

CONSTRUCTION:

CONDUCTOR

BS EN 60228 Class 1-2 Copper

INSULATION

PVC (TII)

APPROVALS:



PRODUCT MARKING LICENCE NO: 175001



H05V-U / H07V-U / H07V-R

SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (ohm/km)	APPROXIMATE WEIGHT (kg/km)
H05V-U				
0.50	2.0	13	36.0	8
0.75	2.2	16	24.5	10
1	2.4	19	18.1	14
H07V-U				
1.5	2.8	16	12.1	19
2.5	3.4	21	7.41	30
4	3.8	27	4.61	45
6	4.3	35	3.08	63
H07V-R				
1.5	3	16	12.1	21
2.5	3.6	21	7.41	33
4	4.1	27	4.61	48
6	4.7	35	3.08	65
10	5.9	48	1.83	105
16	7	65	1.15	160
25	8.4	85	0.727	260
35	9.4	110	0.524	350
50	11	140	0.387	470
70	12.6	175	0.268	675
95	14.9	205	0.193	910
120	16.1	235	0.153	1150
150	18	260	0.124	1415
185	19.9	283	0.0991	1752
240	23	337	0.0754	2320

APPLICATION

It is suitable for use in dry and damp places, fixed lighting installations, pipes. It is suitable for use on fixed plaster and under plaster in structures without the risk of mechanical damage. Due to its structure, it is not suitable for laying under the ground.

REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



CORE IDENTIFICATION

Core Color: Blue, Brown, Black, Grey, Green/Yellow, White, Orange, Red, Turquoise, Pink