

**PVC INSULATED, SINGLE CORE CABLES**



CODE	Standards
<b>H05V-U, H07V-U, H07V-R CU/PVC</b> CU: IEC 60228 CLASS 1 & 2 U: Solid Conductor	TS EN 50525-2-31, VDE 0281, IEC 60227, BS 6004

Technical Data	
Max. operating temperature	: 70 °C
Short circuit temperature	: 160 °C (max. 5 sn.)
Rated voltage	: 300/500 V- 450/750 V

Application	Construction
Used in covered, dry places, in fixed plants, in distribution panels, on and under plaster as laid in conduit.	1. Solid or stranded copper conductor. 2. PVC insulation.

Type	Nominal cross-section mm <sup>2</sup>	Overall Diameter (approx.) mm	Net Weight (approx.) kg/km	DC Resistance at Conductor 20 °C ohm / km	Current Carrying Capacity	
					In ground at 20 °C A	In Air at 30 °C A
H07V-U	1,50	2,8	18,91	12,1	15	24
	2,50	3,3	31,50	7,41	20	32
	4,00	3,8	44,34	4,61	25	42
	6,00	4,3	63,27	3,08	33	54
	10,00	5,5	104,47	1,83	45	73