

PVC INSULATED, SINGLE CORE CABLES



CODE Standards

H05V-U, H07V-U, H07V-R CU/PVC

TS EN 50525-2-31, VDE 0281, IEC 60227, BS 6004

CU: IEC 60228 CLASS 1 & 2

U: Solid Conductor

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 ²	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
H05V-U	0,50	2,0	8,11	36,0	-	9
	0,75	2,2	10,73	24,5	-	15
	1,00	2,3	13,54	18,1	11	19