

PVC INSULATED NON-SHEATHED WIRES WITH SOLID CONDUCTOR H07V-U



CONSTRUCTION:

Conductor: solid copper (class 1)
Insulation: PVC

ABBREVIATION:

Cu/PVC

STANDARD:

IEC 60227-3, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Cross section	Insulation thickness	Overall diameter	Min. bending radius	Permissible pulling force	Max. conductor resistance		Current carrying capacity in free air
					DC at 20°C	DC at 70°C	
mm ²	mm	mm	mm	N	Ω/km	Ω/km	A
1.5	0.7	2.8	13	75	12.1	14.5	24
2.5	0.8	3.4	16	125	7.41	8.87	32
4	0.8	3.8	18	200	4.61	5.52	42
6	0.8	4.3	20	300	3.08	3.69	54
10	1	5.5	26	400	1.83	2.19	73

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

Short circuit current: see technical reference page 158