

# Product Specifications



## PVC INSULATED ELECTRIC WIRE

### *Standard*

- IEC 60227
- BS6004
- UL1581
- UL83

### *Construction*

- A. Solid cu /PVC Insulation(H07V-U)
- B. Stranded cu /PVC Insulation (H07V-R)
- C. Flexible cu /PVC Insulation (H07V-K)
- D. Without Nylon Jacket (THW)
- E. With Nylon Jacket (THHN)

### *Application*

- The cables/wires are used generally in building wiring, feeder and branch circuits, and internal secondary industrial distribution.
- They are installed in surface mounted or embedded conduits or similar closed systems and for fixed protection, and on lighting fittings and inside appliances, switchgear and control gear.

450/750V Solid Cu /PVC Insulation (H07V-U)						
Size mm <sup>2</sup>	Cu conductor		PVC Insulation		Approx. Overall Dia. mm	Approx. Weight kg/km
	Str. No.	Dia. mm	Nominal	Thickness mm		
	No.s	mm				
0.5	1	0.8	0.6		2	8
0.75	1	0.98	0.6		2.2	12
1	1	1.13	0.6		2.3	14
1.5	1	1.38	0.7		2.8	20
2.5	1	1.78	0.8		3.4	32
4	1	2.26	0.8		3.9	48
6	1	2.76	0.8		4.4	67
10	1	3.57	1		5.6	111