

# Product Specifications



## THW CABLE

### 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 Cable Without Nylon Jacket (THW)							
Size		Cu conductor		PVC Insulation		Approx. Overall Dia.	Approx. Weight
		Str. No.	Dia.	Nominal	Thickness		
AWG	mm <sup>2</sup>	No.s	mm	mm		mm	kg/km
20	0.519	1	0.81	0.6		2	9
18	0.811	1	1.02	0.6		2.2	12
16	1.318	1	1.3	0.7		2.7	19
14	2.075	1	1.63	0.8		3.2	28
12	3.332	1	2.06	0.8		3.7	41



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10	5.26	1	2.59	0.8	4.2	60
8	8.37	1	3.26	1	5.3	95
6	13.3	1	4.12	1	6.1	144
20	0.519	7	0.93	0.6	2.1	9
18	0.811	7	1.17	0.6	2.4	13
16	1.318	7	1.47	0.7	2.9	19
14	2.075	7	1.86	0.8	3.5	29
12	3.332	7	2.34	0.8	3.9	42
10	5.26	7	2.94	0.8	4.5	61
8	8.37	7	3.69	1	5.7	98
6	13.3	7	4.68	1	6.7	147
4	21.15	19	5.95	1.2	8.4	231
2	33.62	19	7.5	1.2	9.9	352