

Product Specifications



THHN 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 With Nylon Jacket (THHN)								
Nominal		Conductor		Insulation		Jacket Thickness	Approx. Overall Dia.	Approx. Weight
Cross-section		Str.	No. Approx.	dia.	Nominal thickness			
AWG	mm ²	Nos.	mm	mm	mm	mm	mm	kg/km
14	2.08	1	1.63	0.38	0.1	2.59	23	
12	3.31	1	2.05	0.38	0.1	3.01	35	
10	5.26	7	2.94	0.51	0.1	4.16	433	
8	8.37	7	3.69	0.76	0.13	5.47	685	
6	13.3	7	4.68	0.76	0.13	6.46	1095	



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4	21.15	7	5.88	1.02	0.15	8.22	227
2	33.62	7	6.81	1.02	0.15	9.15	343
1	42.41	7	7.59	1.27	0.18	10.49	439
1/0	53.49	7	8.53	1.27	0.18	11.43	544
2/0	67.43	≥12	9.55	1.27	0.18	12.45	675
3/0	85.01	≥15	10.7	1.27	0.18	13.6	839
4/0	107.2	≥18	12.1	1.27	0.18	15	1046
250	127	≥18	13.2	1.52	0.2	16.64	1251
300	152	≥18	14.5	1.52	0.2	17.94	1484