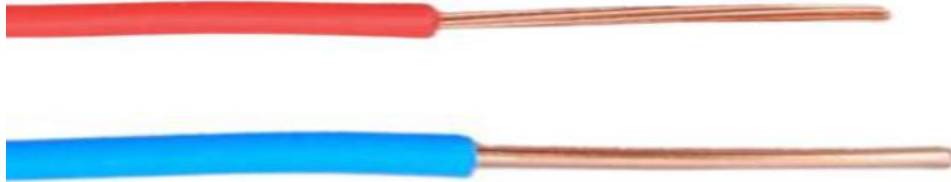


TW/THW Cable for Building Wire



Applications:

Wiring for electrical appliances, smaller size electric tools, instruments of various meters, and motorized lighting system

General Construction:

Conductor: High-purity Annealed Copper or Aluminum

Insulation: PVC

Rated voltage: 600V

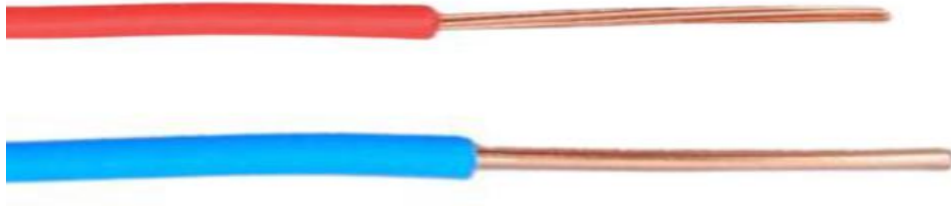
Working temperature: TW-60°C; THW-75°C

Standards: UL83; UL1581

Specification Details:

Size	Construction		Conductor Dia	Insulation Thickness	Approx Overall Dia	Approx Weight	
	No of wires	Dia of wires				TW	THW
AWG/Kcmil	No.	mm	mm	mm	mm	Kg/km	Kg/km
14	1	1.63	1.63	0.77	3.17	26.8	26.8
12	1	2.06	2.06	0.77	3.60	38.7	38.7
10	1	2.59	2.59	0.77	4.13	58.1	58.1
8	1	3.27	3.27	1.15	5.57	96.8	96.8
14	7	0.62	1.86	0.77	3.40	28.3	28.3
12	7	0.78	2.34	0.77	3.88	41.7	41.7
10	7	0.98	2.94	0.77	4.48	62.5	62.5
8	7	1.24	3.72	1.15	6.02	102.7	102.7
6	7	1.56	4.68	1.53	7.74	165.2	166.7
4	7	1.96	5.88	1.53	8.94	247.1	248.6
2	7	2.48	7.44	1.53	10.50	375.1	376.6
1/0	19	1.89	9.20	2.04	13.28	589.4	592.3
2/0	19	2.13	10.34	2.04	14.42	732.2	735.2
3/0	19	2.39	11.61	2.04	15.69	904.9	909.3
4/0	19	2.68	13.01	2.04	17.09	1120.7	1123.6
250	37	2.09	14.20	2.42	19.04	1334.9	1339.4
300	37	2.29	15.55	2.42	20.39	1583.5	1587.9
350	37	2.47	16.79	2.42	21.63	1824.6	1830.5
400	37	2.64	17.96	2.42	22.80	2068.6	2074.6
500	37	2.95	20.05	2.42	24.89	2553.8	2559.7
600	61	2.52	22.00	2.80	27.60	3016.4	3021.0
750	61	2.82	24.64	2.80	30.24	3817.3	3824.7
1000	61	3.25	28.40	2.80	34.00	5007.8	5018.2

THHN/THWN Cable for Building Wire



Applications:

It used for conduit wiring in residential, commercial, and industrial electrical systems.

General Construction:

Conductor: High-purity Annealed Copper or Aluminum

Insulation: PVC

Outer Jacket: Nylon

Rated voltage: 600V

Working temperature: $-10^{\circ}\text{C} - +90^{\circ}\text{C}$

Standards: UL83

Specification Details:

Size	Construction			Insulation		Nylon Jacket		Approx Weight
	No of wires	Dia of wires	Conductor Dia	Nominal Thickness	Insulation Dia	Nominal Thickness	Overall Dia	
AWG/Kcmil	No.	mm	mm	mm	mm	mm	mm	Kg/km
14	1	1.63	1.63	0.39	2.41	0.11	2.63	23.4
12	1	2.06	2.06	0.39	2.84	0.11	3.06	35.5
10	1	2.59	2.59	0.51	3.61	0.11	3.83	56.0
14	7	0.62	1.86	0.39	2.64	0.11	2.86	24.5
12	7	0.78	2.34	0.39	3.12	0.11	3.34	36.7
10	7	0.98	2.94	0.51	3.96	0.11	4.18	57.8
8	7	1.24	3.72	0.77	5.26	0.13	5.52	95.5
6	7	1.56	4.68	0.77	6.22	0.13	6.48	144.0
4	7	1.96	5.88	1.02	7.92	0.16	8.24	229.2
3	7	2.20	6.60	1.02	8.64	0.16	8.96	282.7
2	7	2.48	7.44	1.02	9.48	0.16	9.80	352.3
1	19	1.69	8.20	1.27	10.74	0.18	11.10	450.7
1/0	19	1.89	9.20	1.27	11.74	0.18	12.10	554.2
2/0	19	2.13	10.34	1.27	12.88	0.18	13.24	692.2
3/0	19	2.39	11.61	1.27	14.15	0.18	14.51	859.5
4/0	19	2.68	13.01	1.27	15.55	0.18	15.91	1067.5
250	37	2.09	14.20	1.53	17.26	0.21	17.68	1280.1
300	37	2.29	15.55	1.53	18.61	0.21	19.03	1521.9
350	37	2.47	16.79	1.53	19.85	0.21	20.27	1757.7
400	37	2.64	17.96	1.53	21.02	0.21	21.44	1996.1
500	37	2.95	20.05	1.53	23.11	0.21	23.53	2469.7
600	61	2.52	22.00	1.78	25.56	0.23	26.02	2994.7
750	61	2.82	24.64	1.78	28.20	0.23	28.66	3718.1
1000	61	3.25	28.40	1.78	31.96	0.23	32.42	4891.8