



One Time Investment.  
Lifetime Protection.

# Lead-Free THHN/THWN Building Wire

600 V, 90° Dry /75°C Dry/Wet Location  
Thermoplastic Heat, Gasoline, and Oil Resistant with Nylon Overcoat



## Applications:

Primarily used in conduit and cable trays for services, feeders, branch circuits in commercial, or industrial applications, as specified in the Philippine Electrical Code. When used as Type THHN, conductor is suitable for use in dry locations at temperature not to exceed 90°C. Please consult us for other applications. (Reference PNS 35/PEC/NEC)

PNS Size	Approximate AWG Size	Peso Per Meter	Price Per Box/Coil	Packaging Length Per Box/Coil	Ampacity (Amperes)		Approximate Overall Diameter (MM)	Cable Wt. (Kgs./ Km.)
					75°C	90°C		
1.60 MM	# 14 AWG Solid	7.40	1,110	150 meters	15	25	2.60	22.33
2.00 MM	# 12 AWG Solid	11.10	1,665	150 meters	20	30	3.00	33.24
2.60 MM	# 10 AWG Solid	18.80	2,820	150 meters	30	40	3.79	55.04
3.20 MM	# 8 AWG Solid	28.80	2,880	100 meters	45	50	3.06	88.05
2.00 MM <sup>2</sup>	# 14 AWG Stranded	9.00	1,350	150 meters	15	25	2.80	24.32
3.50 MM <sup>2</sup>	# 12 AWG Stranded	13.20	1,980	150 meters	20	30	3.27	36.74
5.50 MM <sup>2</sup>	# 10 AWG Stranded	20.20	3,030	150 meters	30	40	4.07	58.05
8.00 MM <sup>2</sup>	# 8 AWG Stranded	31.60	3,160	100 meters	45	50	5.47	95.90
14.00 MM <sup>2</sup>	# 6 AWG Stranded	50.30	7,545	150 meters	65	70	6.46	147.09
22.00 MM <sup>2</sup>	# 4 AWG Stranded	79.00	11,850	150 meters	85	90	8.05	231.62
30.00 MM <sup>2</sup>	# 2 AWG Stranded	115.10	17,265	150 meters	110	115	9.04	310.99
38.00 MM <sup>2</sup>	# 1 AWG Stranded	167.20	50,160	300 meters	125	130	10.78	413.61
50.00 MM <sup>2</sup>	# 1/0 AWG Stranded	187.80	56,340	300 meters	145	150	11.76	513.92
60.00 MM <sup>2</sup>	# 2/0 AWG Stranded	231.10	69,330	300 meters	160	170	12.74	625.29
80.00 MM <sup>2</sup>	# 3/0 AWG Stranded	286.40	85,920	300 meters	195	205	14.20	813.08
100.00 MM <sup>2</sup>	# 4/0 AWG Stranded	351.80	105,540	300 meters	220	225	15.67	1,025.76
125.00 MM <sup>2</sup>	# 250 MCM Stranded	450.00	135,000	300 meters	255	265	17.90	1,297.60
150.00 MM <sup>2</sup>	# 300 MCM Stranded	537.00	161,100	300 meters	280	295	19.34	1,556.13
175.00 MM <sup>2</sup>	# 350 MCM Stranded	617.00	185,100	300 meters	310	325	20.80	1,741.00
200.00 MM <sup>2</sup>	# 400 MCM Stranded	676.00	202,800	300 meters	330	355	21.39	1,966.50
250.00 MM <sup>2</sup>	# 500 MCM Stranded	870.00	261,000	300 meters	375	400	23.83	2,519.01
300.00 MM <sup>2</sup>	# 600 MCM Stranded	1,047.00	314,100	300 meters	420	442	26.90	2,964.00
325.00 MM <sup>2</sup>	# 650 MCM Stranded	1,103.30	330,990	300 meters	435	470	26.93	3,218.33
375.00 MM <sup>2</sup>	# 750 MCM Stranded	1,311.00	393,300	300 meters	475	498	29.60	3,677.00
400.00 MM <sup>2</sup>	# 800 MCM Stranded	1,385.00	415,500	300 meters	485	515	29.57	3,973.53
500.00 MM <sup>2</sup>	# 1000 MCM Stranded	1,675.00	502,500	300 meters	540	580	32.21	4,808.58

\*Ampacity based on PEC Table 3.10.1.16: Ampacity of not more than three insulated conductors, Rated 0-2,000 Volts, in raceway or cable or earth (directly buried), based on 30°C ambient air temperature.



Certified Products



ISO 9001 Series of 2000



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