

BUILDING WIRE

UL Listed THHN/THWN-2 600V MTW PVC Insulated, Nylon Jacket

PVC insulated, Nylon jacket
UL 83, 1063 VW-1
CSA C22.2 No. 75-08
ANCE NMX-J-010-ANCE-2008
GAS & OIL RESISTANT II

UL Listed THHN/THWN-2
MTW Construction B (Stranded only)
CSA T90 Nylon FT1
AWM 105°C 600V, 90°C 1000V.
E93581, E86782, LL64710



PRODUCT DESCRIPTION: Solid or stranded, bare copper conductor. PVC insulated, Nylon outer jacket. For use as a 600V building wire in fixture raceways, metallic conduit and tubing. Gasoline and Oil Resistant II. Wet or dry locations. All surface printing is under clear Nylon jacket. Optional use as appliance wire, (AWM) 105°C 600V or 90°C 1000V. VW-1



IWC P/N	AWG Stranding	Size (mm ²)	PVC/ Nylon Insulation Thickness (inches)	COND. DIA. (inches) / (mm) (Nom.)	Copper weight (lbs./M') / (kg / km) (Nom.)	DC Resistance @ 20°C (Ω / M') / (Ω / km) (Max.)	FIN. O.D. (Inches) / (mm) (Approx.)	FIN. WT (lbs./M')/(Kg/Km) (Approx.)
▲ THN1401 ◇	14(SOLID)BC	2.08	.015 / .004	.064 / 1.63	12.4 / 18.5	2.57 / 8.45	.108 / 2.74	16.4 / 24.4
▲ THN1419	14 (19/.0147) BC	2.08	.015 / .004	.072 / 1.83	12.7 / 18.9	2.62 / 8.62	.115 / 2.92	16.6 / 24.7
▲ THN1201 ◇	12 (SOLID) BC	3.31	.015 / .004	.081 / 2.06	19.7 / 29.3	1.62 / 5.31	.126 / 3.20	24.5 / 36.5
▲ THN1219	12 (19/.0185) BC	3.31	.015 / .004	.092 / 2.33	20.1 / 29.9	1.65 / 5.43	.137 / 3.47	26 / 38.7
▲ THN1001 ◇	10 (SOLID) BC	5.26	.020 / .005	.102 / 2.59	31.4 / 46.7	1.02 / 3.34	.158 / 4.01	40 / 59.5
▲ THN1019	10 (19/.0234) BC	5.26	.020 / .005	.115 / 2.92	32.3 / 48.1	1.04 / 3.41	.171 / 4.34	41 / 61.0
▲ THN0819	8 (19/.0295) BC	8.37	.030 / .006	.145 / 3.68	51 / 75.8	0.653 / 2.14	.220 / 5.58	64 / 95.2
▲ THN0619	6 (19.0372) BC	13.3	.030 / .006	.186 / 4.72	82 / 122	0.411 / 1.35	.260 / 6.60	98 / 146
▲ THN0419	4 (19/.0469) BC	21.2	.040 / .007	.235 / 5.97	129 / 192	0.259 / 0.848	.330 / 8.38	155 / 231
▲ THN0319	3 (19/.0526) BC	26.7	.040 / .007	.263 / 6.68	162 / 241	0.205 / 0.673	.365 / 9.27	194 / 289
▲ THN0219	2 (19/.0591) BC	33.6	.040 / .007	.296 / 7.51	205 / 305	0.263 / 0.534	.396 / 10.05	239 / 356
▲ THN0119	1 (19/.0664) BC	42.4	.050 / .008	.335 / 8.50	261 / 388	0.130 / 0.423	.463 / 11.76	311 / 463
▲ THN1/019	1/0 (19/.0745) BC	53.5	.050 / .008	.370 / 9.39	326 / 485	0.102 / 0.335	.500 / 12.7	381 / 567
▲ THN2/019	2/0 (19/.0837) BC	64.7	.050 / .008	.405 / 10.3	415 / 618	0.811 / 0.266	.535 / 13.58	475 / 707
▲ THN3/019	3/0 (19/.0940) BC	85.0	.050 / .008	.460 / 11.7	518 / 771	0.643 / 0.211	.595 / 15.11	590 / 878

PRINT: 10 AWG (5.26mm²) TYPE THHN OR THWN-2 OR MTW (UL) OR AWM GAS & OIL RES II 600V VW-1...INDUSTRIAL...CSA T90 NYLON 600V FT1

◇ Not Rated as Type MTW.

▲ Alternate stranding and/or tinned copper conductors available.

■ Standard put-ups, 500, 1000, 2500 & Drums.

■ All standard colors available.

■ Single & Dual extruded linear stripe available.

INDUSTRIAL WIRE AND CABLE

Premier Manufacturer of High Quality Copper Wire and Cable Products.