



COLONIAL WIRE & CABLE CO., INC.

WWW.COLONIALWIRE.COM

T: (631) 234-8500 F: (631) 234-8544



NON-METALLIC SHEATHED CABLE NM-B

DESCRIPTION:

600 Volt Building Wire – Copper Conductors with 90° C THHN Insulation

Paper Sheath separates conductors from color coded PVC Jacket

APPLICATION:

Colonial NM-B (Non-Metallic Sheathed Cable) is commonly used for residential wiring. Colonial NM-B is used for dry locations at temperatures not to exceed 90° C (with ampacity limited to that for 60 ° C conductors) as defined in article 334 of the National Electrical Code. Colonial NM-B is rated 600 volts. Colonial NM-B may be installed or run in air voids and joints in masonry block or tile walls that are not exposed to moisture or dampness.

SPECIFICATIONS:

- UL File # E24723
- Underwriters Laboratories (UL) standards;
 - UL83 - THHN - Thermoplastic Insulated Wires & Cables (ZLGR)
 - UL719 - NM - B - Nonmetallic Sheathed Cable (PWVX)
- Federal Specification A-A-59544 - Specification of Electrical Wire and Cables
- ASTM Standards (American Society for Testing and Materials)
 - B3 – Soft or Annealed Copper Wire
 - B8 – Concentric Lay Stranded Copper Conductors
- NFPA 70 -National Electrical Code
- ARRA (American Recovery and Reinvestment Act) of 2009 Section 1605 ‘Made in USA’ compliant
- Buy American Compliant
- ROHS Compliant
- No lead
- Color coded moisture resistant PVC jacket (30 MIL)
 - 14 AWG White
 - 12 AWG Yellow
 - 10 AWG Orange
- Ampacity of conductor based on NFPA 70 (NEC) Table 310.15-(B)(16)



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CABLE DATA

CONDUCTOR			Jacket Thickness Mils	Approx O.D. Finished	Standard Feet Per Put-Up	Approx Net Wt Lbs./M FT		Ampacity
AWG Size	No. of Strands	Insulation Thickness Mils				Without Grd Wire	With Grd Wire	
TWO CONDUCTOR								
14	1	19	30	.18 x .39	250'	54	62	15
12	1	19	30	.20 x .42	250'	70	85	20
10	1	24	30	.23 x .50	250'	102	130	30
8	19	35	30	.31 x .65	125'	---	220	40
6	19	35	30	.33 x .75	125'	---	305	55
THREE CONDUCTORS								
14	1	19	30	.350	250'	70	80	15
12	1	19	30	.385	250'	109	120	20
10	1	24	30	.416	250'	156	170	30
8	19	35	30	.62	125'	270	265	40
6	19	35	30	.75	125'	330	360	55
4	19	40	30	.900	125'	480	625	70
FOUR CONDUCTORS (2-CIRCUIT)								
14	1	19	30	.375	250'	---	95	15
12	1	19	30	.40	250'	---	140	20