

# NM-B Nonmetallic Sheathed Cable 600V



## APPLICATION:

NM-B (Non-Metallic Sheathed Cable) is used for wiring outlets, switches, and lighting circuits in residential buildings. Intended for use in accordance with the National Electrical Code. Suitable for use in temperatures up to 90°C.

14AWG-10AWG: Available in 1,000ft reels or 250ft coils  
 8AWG-2AWG: Available in 500/1,000/2,500ft reels or 125ft coils

## CONDUCTORS:

- Solid copper conductors per ASTM B3 or stranded copper conductors per ASTM B3 & B8

## INSULATION:

- Color coded polyvinyl chloride (PVC) rated 90°C dry with nylon (polyamide) covering

## ASSEMBLY:

- Insulated conductors laid parallel with each other and a ground wire wrapped with fire-retardant paper and laid parallel between the insulated conductors. The entire construction is wrapped with a paper separator before applying the jacket

## JACKET:

- Polyvinyl Chloride (PVC) over complete assembly

## STANDARDS:

- US 719
- UL 83
- ASTM B3 & B8

## COLOR CODE:

Cond #	Color
2	Black, White
3	Black, White, Red

Part Number	Conductor Size	No. of Conductors	Conductor Stranding	EGC	Insulation Thickness	Cable Diameter	Net Weight	Jacket Color
	AWG			AWG	inches	inches	lbs/kft	
14-02NMB-CU-WT	14	2	Solid	14	0.019	.185 x .370	55	White
14-03NMB-CU-BL	14	3	Solid	14	0.019	.185 x .450	73	Blue
12-02NMB-CU-YL	12	2	Solid	12	0.019	.200 x .400	79	Yellow
12-03NMB-CU-PU	12	3	Solid	12	0.019	.200 x .520	105	Purple
10-02NMB-CU-OR	10	2	Solid	10	0.024	.225 x .490	121	Orange
10-03NMB-CU-OR	10	3	Solid	10	0.024	.250 x .650	161	Orange
8-02NMB-CU-BK	8	2	7	10	0.035	.320 x .680	200	Black
8-03NMB-CU-BK	8	3	7	10	0.035	0.530	243	Black
6-02NMB-CU-BK	6	2	7	10	0.035	.350 x .710	271	Black
6-03NMB-CU-BK	6	3	7	10	0.035	0.575	342	Black
4-03NMB-CU-BK	4	3	7	8	0.046	0.720	548	Black
2-03NMB-CU-BK	2	3	7	8	0.046	0.852	808	Black

All values are nominal and subject to correction



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