

Romex® SIMpull™ Type NM-B

Nonmetallic-Sheathed Cable. 600 Volt.
Copper Conductors. Color-Coded Jacket.
Four Conductor Available With Two Neutrals.
SIM Jacket™ Designed for Easier Pulling.



APPLICATIONS

Southwire's Romex® SIMpull™ Type NM-B (nonmetallic-sheathed cable) may be used for both exposed and concealed work in normally dry locations at temperatures not to exceed 90°C (with ampacity limited to that for 60°C conductors) as specified in the National Electrical Code¹. NM-B cable is primarily used in residential wiring as branch circuits for outlets, switches, and other loads. NM-B cable may be run in air voids of masonry block or tile walls where such walls are not subject to excessive moisture or dampness. Voltage rating for NM-B cable is 600 volts.

SPECIFICATIONS

Southwire's Romex® SIMpull™ Type NM-B cable meets or exceeds UL Standard 83, UL Standard 719, Federal Specification A-A-59544, and requirements of the National Electrical Code.

CONSTRUCTION

Southwire's Romex® SIMpull™ Type NM-B cable is manufactured as 2, 3, or 4 conductor cable, with a ground wire. Copper conductors are annealed (soft) copper. Stranded conductors are compressed stranded. Conductor insulation is 90°C-rated polyvinyl chloride (PVC), nylon jacketed. Southwire's SIMpull™ Designed for Easier Pulling, Resulting in Easier installation. The cable jacket is color-coded for quick size identification; White - 14 AWG, Yellow - 12 AWG, Orange - 10 AWG, and Black - 8 AWG and 6 AWG.

¹ 2005 Edition

CU-NM-B

Conductor				Ground Wire		Approx. Cable Dimension (mils)	Approx. Net Weight Per 1000' (lbs.)	Allowable Ampacity+	Standard Package
Size (AWG)	No. Conductors in Cable	No. Strands in Conductors	Insulation Thickness (mils)	Size AWG	No. Strands				
TWO CONDUCTOR									
14	2	1	4	14	1	360 X 162	57	15	EH
12	2	1	4	12	1	410 X 179	82	20	EH
10	2	1	4	10	1	494 X 210	124	30	EH
8	2	1	5	10	1	612 X 269	186	40	BK
6	2	1	5	10	1	683 X 304	255	55	BK
THREE CONDUCTOR									
14	3	1	19	14	1	307	74	15	BH
12	3	1	19	12	1	347	107	20	BH
10	3	1	24	10	1	422	163	30	BH
8	3	7	35	10	1	565	253	40	BK
6	3	7	35	10	1	650	356	55	BK
4	3	7	60	8	1	892	593	70	CK
2	3	7	60	8	1	1034	856	95	CK
FOUR CONDUCTOR									
14	2/2	1*	19	14	1	336	91	15	BH
14	4	1**	19	14	1	336	91	15	BH
12	2/2	1*	19	12	1	381	132	20	BH
12	4	1**	19	12	1	381	132	20	BH
+Ampacity per 310.15 and 334.80, National Electrical Code, 2005 edition. NOTE: Jacket thickness for all NM-B cable is 30 mils. *Color Code for 2/2 Conductor Cable is Black, White, Red, and White with Red Stripe. **Color Code for 4 Conductor Cable is Black, White, Red, and Blue.							STANDARD PACKAGE CODE B - 1000' Reel C - 500' Reel E - 1000' Spool H - 250' Coil K - 125' Coil		

RECOMMENDED SAMPLE SPECIFICATIONS:

Conductors shall be UL-listed Type NM-B, suitable for operation at 600 volts in all installations as specified in the National Electrical Code. SIMpull™ jacketed conductors shall be annealed copper as manufactured by Southwire Company or approved equal.



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