

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. SIMpullTM jacketed conductors shall be annealed copper as manufactured by Southwire Company or approved equal.



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