Romex® Brand SIM*pull*®
Indoor Wire Copper NM-B Cable

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

APPLICATIONS

Southwire® Romex® Brand SIM*pull*® 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 Code. 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 wet or damp locations. Voltage rating for NM-B cable is 600 volts.

STANDARDS & REFERENCES

Southwire Romex® Brand SIM*pull*® NM-B cable complies with the following:

- Listed per UL Standard 719
- UL 83 (Conductor Construction)
- ASTM B-3 and B-8
- Federal Specification A-A-59544
- National Electrical Code, NFPA 70
- REACH/RoHS Compliant

CONSTRUCTION

Southwire Romex® Brand SIM*pull*® NM-B cable is manufactured as 2, 3, or 4 conductor cable, with a bare ground wire. Copper conductors are annealed (soft) copper. Stranded conductors are compressed stranded. Conductor insulation is 90°C-rated polyvinyl chloride (PVC), nylon jacketed. Romex® Brand SIM*pull*® NM-B cable is 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.

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6/13/18 Rev 0

Conductor			Insulation Thickness (mils)	Ground Wire		Approx. Cable Dimension (mils)	Approx. Net Wt. Per 1000' (lbs.)	Allowable Ampacity +	Standard Package
Size (AWG or kcmil)	No. of conductors	No. of strands		Size (AWG)	No. of strands				
TWO CONDUCTOR									
14	2	1	19	14	1	368X162	57	15	BEF
12	2	1	19	12	1	418X179	82	20	BEF
10	2	1	24	10	1	494X210	124	30	ABE
8	2	7	35	10	1	618X272	186	40	ABCD
6	2	7	35	10	1	658X308	252	55	ABCD
THREE CONDUCTOR									
14	3	1	19	14	1	462X176	78	15	BEF
12	3	1	19	12	1	524X190	112	20	BEF
10	3	1	24	10	1	630X220	166	30	BCE
8	3	7	35	10	1	572	255	40	ABCD
6	3	7	35	10	1	659	360	55	ABCD
4	3	7	46	8	1	825	565	70	BCD
2	3	7	46	8	1	870	818	95	BCD
FOUR CONDUCTOR									
14	2/2	1*	19	14	1	336	91	15	BE
14	4	1**	19	14	1	336	91	15	BE
12	2/2	1*	19	12	1	381	132	20	BE
12	4	1**	19	12	1	381	132	20	BE
10	4	1	24	10	1	465	201	30	BE

+ Ampacities per National Electrical Code section 310.15 and 334.80.
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.

PACKAGE CODE:
A-2,500'
B-1,000'
C-500'
D-125'
E-250'
F-500'

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. SIM*pull* ® jacketed conductors shall be annealed copper as manufactured by Southwire Company or approved equal.

The Power of Connections.™

Southwire®

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Conductor			
Size (AWG or kcmil)	No. of conductors	No. of strands	Stock Numbers
TWO CONDUCTOR			
14	2	1	**Stock #: 288274**
12	2	1	**Stock #: 288282**
10	2	1	**Stock #: 288290**
8	2	7	**Stock #: 288936**
6	2	7	**Stock #: 288944**
THREE CONDUCTOR			
14	3	1	**Stock #: 639468**
12	3	1	**Stock #: 639476**
10	3	1	**Stock #: 639484**
8	3	7	**Stock #: 639492**
6	3	7	**Stock #: 639500**
4	3	7	**Stock #: 639682**
2	3	7	**Stock #: 639708**
FOUR CONDUCTOR			
14	2/2	1*	**Stock #: 550482**
14	4	1**	**Stock #: 550539**
12	2/2	1*	**Stock #: 550484**
12	4	1**	**Stock #: 550542**
10	4	1	**Stock #: 555832**

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