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 for our two and four conductor offerings are color coded as follows: White – 14 AWG, Yellow – 12 AWG, Orange – 10 AWG and Black 8 AWG and 6 AWG. Our three conductor cable is color coded as follows: Blue – 14 AWG, Purple – 12 AWG, Pink – 10 AWG, and Black 8 AWG and 6 AWG.

CONDUCTOR			COLOR	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	White	19	14	1	368X162	57	15	BEF
12	2	1	Yellow	19	12	1	418X179	82	20	BEF
10	2	1	Orange	24	10	1	494X210	124	30	ABE
8	2	7	Black	35	10	1	618X272	186	40	ABCD
6	2	7	Black	35	10	1	658X308	252	55	ABCD
THREE CONDUCTOR										
14	3	1	Blue	19	14	1	462X176	78	15	BEF
12	3	1	Purple	19	12	1	524X190	112	20	BEF
10	3	1	Pink	24	10	1	630X220	166	30	BCE
8	3	7	Black	35	10	1	572	255	40	ABCD
6	3	7	Black	35	10	1	659	360	55	ABCD
4	3	7	Black	46	8	1	825	565	70	BCD
2	3	7	Black	46	8	1	870	818	95	BCD
FOUR CONDUCTOR										
14	2/2	1*	White	19	14	1	336	91	15	BE
14	4	1**	White	19	14	1	336	91	15	BE
12	2/2	1*	Yellow	19	12	1	381	132	20	BE
12	4	1**	Yellow	19	12	1	381	132	20	BE
10	4	1	Orange	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.

CONDUCTOR			STOCK NUMBERS
SIZE (AWG OR KCMIL)	NO. OF CONDUCTORS	NO. OF STRANDS	
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 #: 639469
12	3	1	Stock #: 639478
10	3	1	Stock #: 639485
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

* 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.