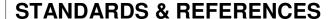
Romex® Brand SIMpull® Indoor Wire Copper NM-B Cable



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

APPLICATIONS

Southwire® Romex® Brand SIMpull® 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 2011 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.



Southwire Romex® Brand SIMpull® NM-B cable complies with the following:

- ASTM B-3 and B-8
- UL Standard 83
- UL Standard 719
- Federal Specification A-A-59544
- National Electrical Code, NFPA 70. 2011 Edition
- BoHS/ REACH

CONSTRUCTION

Southwire Romex® Brand SIMpull® 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 SIMpull® 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.





Conductor			Insulation	Ground Wire		Approx.	Approx.	Allowable		
Size (AWG or kcmil)	No. of conductors	No. of strands	Thickness	Size (AWG)	No. of strands	Cable Dimension (mils)	Net Wt. Per 1000' (lbs.)	Ampacity +	Standard Package	
TWO CONDUCTOR										
14	2	1	19	14	1	360X162	57	15	BEF	
12	2	1	19	12	1	410X179	82	20	BEF	
10	2	1	24	10	1	494X210	124	30	ABE	
8	2	7	35	10	1	612X269	186	40	ABCD	
6	2	7	35	10	1	683X304	225	55	BDF	
THREE CONDUCTOR										
14	3	1	19	14	1	307	74	15	BDF	
12	3	1	19	12	1	347	107	20	BEF	
10	3	1	24	10	1	422	164	30	BCE	
8	3	7	35	10	1	565	253	40	ABCD	
6	3	7	35	10	1	650	357	55	ABCD	
4	3	7	46	8	1	814	560	70	BCD	
2	3	7	46	8	1	952	816	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, 2011 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. 									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. SIMpull ® jacketed conductors shall be annealed copper as manufactured by Southwire Company or approved equal.



	Conduc	tor							
Size									
(AWG	No. of	No of atranda	Stock Numbers						
or	conductors	No. of strands							
kcmil)									
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 #: 567542						
12	3	1	Stock #: 567546						
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						

