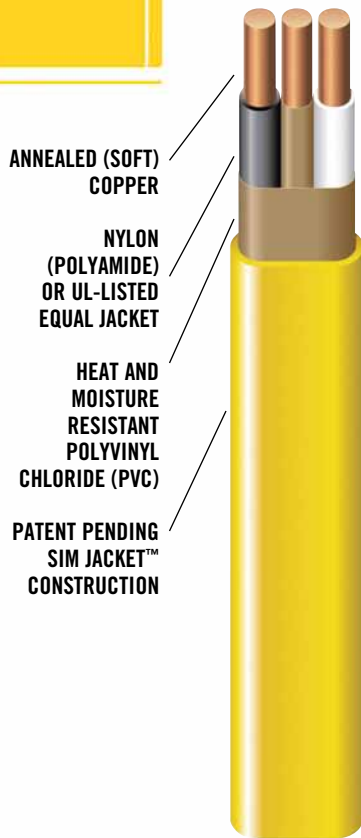


ROMEX® SIMpull® TYPE NM-B



**Non-metallic
Sheathed Cable**

600 Volt

Copper Conductors

**Color-Coded Jacket
SIM Jacket™**

**Construction Designed
for Easier Pulling**

**Four Conductor
Available With
Two Neutrals**

Pulls Faster

Strips Easier

Reduced Burn-Thru

Tear Resistant

APPLICATIONS Suitable for use as follows:

- Southwire's Romex® SIMpull® Type NM-B (non-metallic 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®¹
- 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

STANDARDS & REFERENCES

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 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
- 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
- Unique SIM (SlikQuik™ Infused Membrane) Jacket™ construction allows for 50% reduction in pulling force resulting in easier installation, easier stripping, reduced burn-thru, and tear resistance

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®. Conductors shall be annealed copper as manufactured by Southwire Company or approved equal.

¹ 2005 Edition



HVAC

WEIGHTS, MEASUREMENTS AND PACKAGING

CONDUCTOR				GROUND WIRE		APPROX. CABLE DIMENSIONS (mils)	APPROX. NET WEIGHT PER (lbs/1000 ft)	ALLOWABLE AMPACITIES†	STANDARD PACKAGE
SIZE (AWG)	NUMBER OF CONDUCTORS IN CABLE	NUMBER OF STRANDS IN CONDUCTORS	INSULATION THICKNESS (mils)	SIZE (AWG)	NUMBER OF STRANDS				
2 CONDUCTOR									
14	2	1	19	14	1	360 × 162	58	15	EH
12	2	1	19	12	1	410 × 179	83	20	EH
10	2	1	24	10	1	494 × 210	126	30	EH
8	2	7	35	10	1	612 × 269	187	40	BK
6	2	7	35	10	1	683 × 304	256	55	BK
†Ampacity per 310.15 and 334.80, National Electrical Code®, 2005 Edition. NOTE: Jacket thickness for all NM-B cable is 30 mils.							STANDARD PACKAGE CODES		
							B – 1000 ft. reel C – 500 ft. reel E – 1000 ft. spool H – 250 ft. coil K – 125 ft. coil		