



ELLIOTT ELECTRIC SUPPLY

We Deliver...Lower Cost, Quality Products, & Personal Service

3804 South Street
75964-7263, TX Nacogdoches
Phone: 936-569-7941
Fax: 936-560-4685

RX63WG500 6/3 WG Romex-500' *Southwire Company*



Catalog Number	RX63WG500
Manufacturer	Southwire Company
Description	Nonmetallic Sheathed Cable, Stranded, 7 Strands, #6 Awg Conductor Size, Annealed Copper Conductor Material, Nylon Jacket Material, PVC Insulation Material, 600 V, 55 A, Black, White and Red, 3 Conductors, 500 FT Overall Length, 650 Mil Outside Diameter, 35 Mil Insulation Thickness, +90 °C Operating Temperature, 357 LB/MFT
Weight per unit	0.3600 (lbs/ft)
Product Category	NM-B - NMD90

Features

Ground Conductor Size	10 AWG
Ground Type	WITH GROUND WIRE
similar brands	Romex®
Stranding	7 STRAND

Material, Color, and Finish

Color Code	BLACK, WHITE, RED
------------	-------------------

Dimensions and Weight

Length	500 FT
Length in ft	500 W
Outer Diameter	650 MIL

Descriptions

Also Known As...	Non-Metallic Sheathed Cable 220 Wire Thermoplastic-Sheathed Cable
Commodity Description	COPPER NON-METALLIC CABLE-NM-B-NMD90
Description	6/3 WG ROMEX-500'

Manufacturer Information

Brand	Copper
GTIN	00032886263712
UPC	032886263712

Taxonomies, Classifications, and Categories

Category Description	ROMEX (RX)& UF CABLE
Type	NM-B



ELLIOTT ELECTRIC SUPPLY

We Deliver...Lower Cost, Quality Products, & Personal Service

3804 South Street
75964-7263, TX Nacogdoches
Phone: 936-569-7941
Fax: 936-560-4685

Packaging

Carton	500
Weight Per foot	0.36

Uses, Certifications, and Standards

Approval	UL 83/719
Temperature Rating	90 DEG C

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 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 SIMpull[®] 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 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.



The Power of Connections.™



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. SIMpull® 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 #: 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

* 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.