



STANDARDS

- UL 83
- UL 719
- UL 1581
- UL 2556
- NFPA 70 (NEC Article 334)
- ASTM B3 and B8

APPLICATIONS

Non-metallic sheathed cable is commonly used for residential wiring as branch circuits in both exposed and concealed work in dry locations at temperature up to 90°C as specified in Article 334 of the National Electrical Code (NEC). Ampacity will be limited to that of 60°C conductor temperature rating, as specified in the NEC.

CONSTRUCTION

Conductors  
Solid 14-10 AWG soft, uncoated copper, per ASTM-B3; Stranded 8 AWG conductor and larger uncoated, copper ASTM-B8

Insulation  
Color-coded Polyvinyl Chloride (PVC) compound Type THHW as per UL 83 rated for 90°C in dry locations for both Circuit Conductors and Grounding Conductors. Color coded: -2 with ground - Black, Green, White  
-3 with ground - Black, Red, Green, White

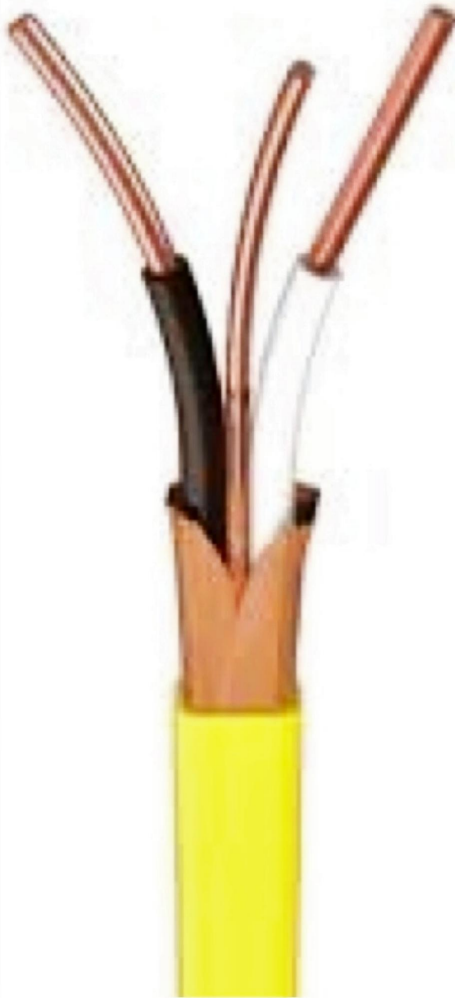
Assembly  
2, 3 insulated conductors laid parallel with an insulated ground wire with overall PVC outer jacket.

Jacket  
A color-coded PVC jacket is applied over the completed assembly as follows: 14 AWG - White, 12 AWG - Yellow, 10 AWG - Orange, 8 AWG & 6 AWG - Black

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

PACKAG  
A-2  
B-1  
C-  
D-  
E-4  
F-2

\* 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.



# CERTIFICATE OF COMPLIANCE

**Certificate Number** E534144  
**Report Reference** E534144 - 20230425  
**Issue Date** 2023-APRIL-25

**Issued to:** Seven Seas Trading LLC  
 524 Stagecoach Dr Anderson,  
 SC, 29625-5833 US

**This certificate confirms that representative samples of** Nonmetallic-sheathed Cable  
 Type(s) - NM, NM-B

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 719 - Nonmetallic-Sheathed Cables  
**Additional Information:** See UL Product IQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

*Deborah Jennings-Corner*  
 Deborah Jennings-Corner, VP Regulatory Services  
 UL LLC  
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