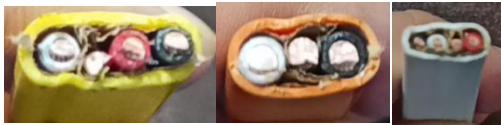
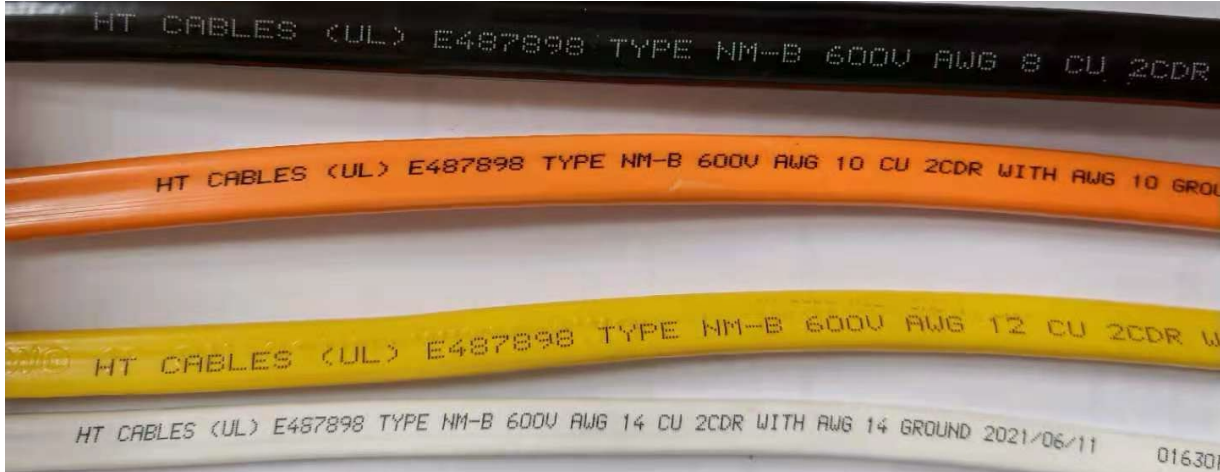


Type NM-B

Nonmetallic-Sheathed Cable. 600 Volt. Copper Conductors. Color-Coded Jacket.

Four Conductor Available With Two Neutrals.



UL listed number: E487898

Applications

Type 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.

Specifications

Type NM-B cable complies with:

- ASTM B-3 and B-8 UL Standard 83 UL Standard 719 RoHS/ REACH

CONSTRUCTION:

Conductors:

Solid 14-10 AWG soft, bare copper, per ASTM-B3

Stranded 8 AWG conductor and larger bare copper ASTM-B8

Insulation:

Color-coded Polyvinyl Chloride (PVC) compound meeting the required thickness of Type THHN with a heat-stabilized Nylon jacket rated for 90°C in dry locations.

Grounding Conductor:

Soft, bare copper per ASTM-B3 and/or ASTM-B8

Jacket:

A 30-mil, color-coded, PVC jacket is applied over the completed assembly as follows:

14 AWG White | 12 AWG Yellow | 10 AWG Orange | 8 AWG Black | 6 AWG Black

	Size (AWG) NO.of conductors		Conductor Dia. (mm)	Insulation thickness(mm)	Sheath thickness (mm)	Out dia (mm)	Total Weight (kg/km)
NM-B	14/2 G	2 * 14AWG	1.63	0.38	0.76	4.5 * 8.7	101.3
		1 * 14AWG	1.63				
NM-B	12/2 G	2 * 12AWG	2.05	0.38	0.76	4.9 * 10.0	142.5
		1 * 12AWG	2.05				
NM-B	10/2 G	2 * 10AWG	2.59	0.51	0.76	5.7 * 12.1	213
		1 * 10AWG	2.59				
NM-B	8/2 G	2 * 8AWG	3.75	0.76	0.76	7.4 * 15.5	310.6
		1 * 10AWG	2.59				
NM-B	14/3 G	3 * 14AWG	1.63	0.38	0.76	4.5 * 11.3	131.7
		1 * 14AWG	1.63				
NM-B	12/3 G	3 * 12AWG	2.05	0.38	0.76	4.9 * 13.0	186.2
		1 * 12AWG	2.05				
NM-B	10/3 G	3 * 10AWG	2.59	0.51	0.76	5.7 * 15.9	279.9
		1 * 10AWG	2.59				
NM-B	8/3 G	3 * 8AWG	3.75	0.76	0.76	7.4 * 22.2	451.6
		1 * 8AWG	3.75				
NM-B	6/3 G	3 * 6AWG	4.72	0.76	0.76	8.4 * 26.1	659.7
		1 * 6AWG	4.72				
NM-B	4/3 G	3 * 4AWG	5.95	1.02	0.76	10.2 * 30.4	901.2
		1 * 8AWG	3.75				
NM-B	2/3 G	3 * 2AWG	7.51	1.02	0.76	11.7 * 35.1	1291.6
		1 * 8AWG	3.75				
NM-B	14/3 G	4 * 14AWG	1.63	0.38	0.76	9.1	166.2



		1 * 14AWG	1.63				
NM-B	12/4 G	4 * 12AWG	2.05	0.38	0.76	10.4	236.8
		1 * 12AWG	2.05				
NM-B	10/4 G	4 * 10AWG	2.59	0.51	0.76	12.5	358.3
		1 * 10AWG	2.59				