

- 90°C Insulation
- With Ground Wire
- 600 Volts

NM-B

EZ-ID[®] PLUS and EZ-STRIP[®] PLUS

Cirtex[®] Non-Metallic Sheathed Cable

APPLICATIONS

- For use primarily in residential wiring including branch circuits for outlets, switches, etc
- May be installed in both exposed and concealed work in normally dry locations
- May be installed in air voids of masonry block or tile walls where these walls are not subject to excessive moisture or dampness
- May be installed in locations with temperatures up to 90°C but with the ampacity limited to that of 60°C conductors
- **Added Circuit:** For use primarily in residential wiring for branch circuits supplying outlets located in bedrooms and other areas
- Has two separate neutrals so that one cable can be used to run two circuits when sharing of a neutral is not allowed

CONDUCTORS

- Solid conductors: Soft, uncoated copper per ASTM-B3
- Stranded conductors: Uncoated copper per ASTM-B3 and ASTM-B8

CONDUCTOR INSULATION AND JACKET

- Color coded PVC (polyvinyl chloride), rated 90°C dry
- **Added Circuit:** Color coded PVC rated 90°C: black, white, red and white with red stripe.
- Insulated conductors also jacketed with clear nylon (polyamide)

Product Code Number & Package Code w/Ground	Conductors		Ground Wire AWG	Insulation & Nylon Thickness Mils.	Cable Dimension Mils.	Ampacities at 30°C Per NEC [®]	Approx. Net Wt. lbs./m ft.
	AWG & No. Cond.	No. of Strands					147 w/Grnd
147-1462	14-2	SOL	14	19	190 x 370	15	60
147-1662	12-2	SOL	12	19	210 x 400	20	84
147-1862	10-2	SOL	10	24	230 x 480	30	128
147-4002	8-2	7	10	35	370 x 680	40	208
147-4202	6-2	7	10	35	420 x 750	55	288
147-1463	14-3	SOL	14	19	300	15	76
147-1663	12-3	SOL	12	19	335	20	109
147-1863	10-3	SOL	10	24	408	30	166
147-4003	8-3	7	10	35	515	40	260
147-4203	6-3	7	10	35	675	55	366
147-4403	4-3	7	8	45	760	70	585
147-4603	2-3	7	8	45	910	95	843

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GROUNDING CONDUCTOR

- Soft, uncoated copper per ASTM-B3

ASSEMBLY

- Two conductor constructions have the insulated conductors laid parallel. Ground wire is wrapped with paper and laid parallel between the insulated conductors. The entire construction is wrapped with a paper separator before applying the jacket
- Three conductor constructions have the insulated conductors twisted together. Ground wire is wrapped with paper and twisted together with the insulated conductors.

JACKET

- 30 mil thick PVC (polyvinyl chloride) jacket applied over the complete assembly
- 14-2 & 14-3 w/ground: white
12-2 & 12-3 w/ground: yellow
10-2 & 10-3 w/ground: orange
8 AWG and larger: black
- **Added Circuit:**
14-2-2 w/ground: white
12-2-2 w/ground: yellow

INDUSTRY STANDARDS

- UL 83 (insulated conductors)
File No. E15119
- UL 719 Non-Metallic Sheathed Cable - File No. E9810
- ASTM-B3
- ASTM-B8
- Federal Specification A-A-59544
- NFPA70: National Electrical Code[®]

Package Code	D	G	J	J	K	P
w/Ground AWG Size	125' coil wrapped	250' coil wrapped	500' coil wrapped	500' reel	1000' reel	5000' reel
14-2 Sol (147-1462)		X	X			
12-2 Sol (147-1662)		X	X			
10-2 Sol (147-1862)		X				
8-2 Str	X			X	X	
6-2 Str	X			X	X	
14-3 Sol (147-1463)		X	X			
12-3 Sol (147-1663)		X				
10-3 Sol (147-1863)		X				
8-3 Str	X	X		X	X	
6-3 Str	X			X	X	
4-3 Str				X	X	
2-3 Str				X		

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NM-B Added Circuit

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SURFACE PRINT

- Sample: NM-B 14-2 W/G 600V CIRTEX-A (UL) **EZ-ID® PLUS**
BED BATH FR DR K LR UT OTH 1
2 3 4
- **Added Circuit:** NM-B 14-2-2 W/G 600V CIRTEX-A (UL) **EZ-STRIP® PLUS**

Product Code Number	Insulated Conductors		Bare Ground AWG Size	Approx. O.D. Mils.	Allowable Ampacities* 30°C Per NEC®	Approx. Net Wt. lbs./m ft.
	AWG & No. Cond.	No. of Strands				
147-1464	14-2-2	SOL	14	0.345	15	94
147-1404	14-2-2	SOL	14	0.345	15	94
147-1664	12-2-2	SOL	12	0.400	20	134
147-1604	12-2-2	SOL	12	0.400	20	134

Package Code	G	K
AWG Size	250' coil wrapped	1000' reel
14-2-2 Sol 147-1464	X	
14-2-2 Sol 147-1404		X
12-2-2 Sol 147-1664	X	
12-2-2 Sol 147-1604		X