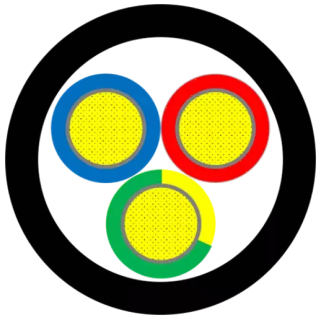
# LANmark WDZB1-RYY CU/LSZH/LSZH Burning Behavior B1 Flexible Cable

The LANmark Series of Low-voltage cables are specialized cables designed for communication, signal transmission and low-voltage power supply of security equipment.
They are widely deployed in public security, monitoring projects, commercial buildings, residential buildings, smart homes and intelligent building systems.



## Characteristic

- Copper Class 5
- Insulation of polyolefin, colored
- LSZH jacket
- Burning Behavior B1
- Nominal Voltage: U0/U=300/300V (Cross section≤0.5mm²)
  U0/U=300/500V (Cross section≥0.75mm²)
- Temperature range: operation: -20°C ~ 70°C
  installation: 0°C ~ 50°C

Insulation color

| Core No. | |
|---|---|
| 2 | Blue, Red |
| 3 | Blue, Red, Yellow/Green or Blue, Red, Green |
| 4 | Blue, Red, Green, Yellow/Green or Blue, Red, Green,Yellow |
| 5 | Blue, Red, Green,Yellow, Yellow/Green or Blue, Red, Green,Yellow, Black |
| 6 | Blue, Red, Green,Yellow, Black, Yellow/Green or Blue, Red, Green,Yellow, Black, Brown |
| 7 | Yellow jacket with number except Yellow/Green core. |

Note: When there is a yellow/green ground wire in the core combination, the N-cord needs to add the suffix "G". The cross section will be using "G" to replace "x".

## STANDARDS

IEC 60228
IEC 60754
IEC 61034
GB 31247

## Technical data

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

| N-Code | Type | Cross section (mm2) | Insulation (mm) | Sheath (mm) | General OD.(mm) | | Conductor Resistance (20°C/Ω/km) | Insulation Resistance 70°C/(MΩ.km) |
|---|---|---|---|---|---|---|---|---|
| | | | | | Max | Min | | |
| N10RE3YW0205 | WDZB1-RYY | 2x0.50 | 0.6 | 0.6 | 5.3 | 6.3 | 39.0 | 0.013 |
| N10RE3YW0305 | WDZB1-RYY | 3x0.50 | 0.6 | 0.6 | 5.7 | 6.7 | 39.0 | 0.013 |
| N10RE3YW0207 | WDZB1-RYY | 2x0.75 | 0.6 | 0.8 | 6.2 | 7.2 | 26.0 | 0.011 |
| N10RE3YW0307 | WDZB1-RYY | 3x0.75 | 0.6 | 0.8 | 6.5 | 7.5 | 26.0 | 0.011 |
| N10RE3YW0407 | WDZB1-RYY | 4x0.75 | 0.6 | 0.8 | 7.2 | 8.2 | 26.0 | 0.011 |
| N10RE3YW0507 | WDZB1-RYY | 5x0.75 | 0.6 | 0.9 | 8.0 | 9.0 | 26.0 | 0.011 |
| N10RE3YW0607 | WDZB1-RYY | 6x0.75 | 0.6 | 0.9 | 8.7 | 9.7 | 26.0 | 0.011 |
| N10RE3YW0807 | WDZB1-RYY | 8x0.75 | 0.6 | 0.9 | 9.5 | 10.5 | 26.0 | 0.011 |
| N10RE3YW0A07 | WDZB1-RYY | 10x0.75 | 0.6 | 0.9 | 11.1 | 12.1 | 26.0 | 0.011 |
| N10RE3YW0210 | WDZB1-RYY | 2x1.00 | 0.6 | 0.8 | 6.5 | 7.5 | 19.5 | 0.010 |
| N10RE3YW0310 | WDZB1-RYY | 3x1.00 | 0.6 | 0.8 | 6.9 | 7.9 | 19.5 | 0.010 |
| N10RE3YW0410 | WDZB1-RYY | 4x1.00 | 0.6 | 0.9 | 7.8 | 8.8 | 19.5 | 0.010 |
| N10RE3YW0510 | WDZB1-RYY | 5x1.00 | 0.6 | 0.9 | 8.5 | 9.5 | 19.5 | 0.010 |
| N10RE3YW0610 | WDZB1-RYY | 6x1.00 | 0.6 | 0.9 | 9.3 | 10.3 | 19.5 | 0.010 |
| N10RE3YW0810 | WDZB1-RYY | 8x1.00 | 0.6 | 0.9 | 10.2 | 11.2 | 19.5 | 0.010 |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N10RE3YW0A10 | WDZB1-RYY | 10x1.00 | 0.6 | 1.0 | 12.0 | 13.0 | 19.5 | 0.010 |
| N10RE3YW0215 | WDZB1-RYY | 2x1.50 | 0.7 | 0.8 | 7.5 | 8.5 | 13.3 | 0.010 |
| N10RE3YW0315 | WDZB1-RYY | 3x1.50 | 0.7 | 0.9 | 8.1 | 9.1 | 13.3 | 0.010 |
| N10RE3YW0415 | WDZB1-RYY | 4x1.50 | 0.7 | 1.0 | 9.1 | 10.1 | 13.3 | 0.010 |
| N10RE3YW0515 | WDZB1-RYY | 5x1.50 | 0.7 | 1.1 | 10.2 | 11.2 | 13.3 | 0.010 |
| N10RE3YW0615 | WDZB1-RYY | 6x1.50 | 0.7 | 1.1 | 11.1 | 12.1 | 13.3 | 0.010 |
| N10RE3YW0815 | WDZB1-RYY | 8x1.50 | 0.7 | 1.1 | 12.0 | 13.0 | 13.3 | 0.010 |
| N10RE3YW0A15 | WDZB1-RYY | 10x1.50 | 0.7 | 1.2 | 14.3 | 15.3 | 13.3 | 0.010 |
| N10RE3YW0225 | WDZB1-RYY | 2x2.50 | 0.8 | 1.0 | 8.7 | 9.7 | 7.98 | 0.009 |
| N10RE3YW0325 | WDZB1-RYY | 3x2.50 | 0.8 | 1.1 | 9.9 | 10.9 | 7.98 | 0.009 |
| N10RE3YW0425 | WDZB1-RYY | 4x2.50 | 0.8 | 1.1 | 10.9 | 11.9 | 7.98 | 0.009 |
| N10RE3YW0525 | WDZB1-RYY | 5x2.50 | 0.8 | 1.2 | 12.1 | 13.1 | 7.98 | 0.009 |
| N10RE3YW0625 | WDZB1-RYY | 6x2.50 | 0.8 | 1.2 | 13.2 | 14.2 | 7.98 | 0.009 |
| N10RE3YW0825 | WDZB1-RYY | 8x2.50 | 0.8 | 1.2 | 14.3 | 15.3 | 7.98 | 0.009 |
| N10RE3YW0340 | WDZB1-RYY | 3x4.00 | 0.8 | 1.0 | 11.4 | 12.4 | 4.95 | 0.007 |
| N10RE3YW0360 | WDZB1-RYY | 3x6.00 | 0.8 | 1.2 | 12.6 | 13.6 | 3.30 | 0.006 |

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