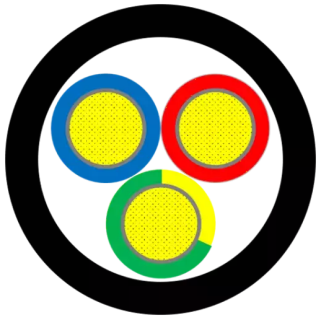
# LANmark WDZAN/BN/CN-RYY CU/MGT/LSZH/LSZH Fire Resistant Flexible Cable

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.



## STANDARDS

IEC 60228
IEC 60754
IEC 61034
IEC 60332-3

## Characteristic

- Copper Class 5
- Insulation of polyolefin, colored
- LSZH jacket
- Fire Resistant：90min under 750°C fires
- 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".

## 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. max | General OD. mix | Conductor Resistance 20°C / Ω/km | Insulation Resistance 70°C / MΩ.km |
|---|---|---|---|---|---|---|---|---|
| N10RA3YW0N205 | WDZAN-RYY | 2x0.50 | 0.6 | 0.6 | 7.1 | 8.1 | 39.0 | 0.013 |
| N10RA3YW0N305 | WDZAN-RYY | 3x0.50 | 0.6 | 0.6 | 7.6 | 8.6 | 39.0 | 0.013 |
| N10RA3YW0N207 | WDZAN-RYY | 2x0.75 | 0.6 | 0.8 | 8 | 9 | 26.0 | 0.011 |
| N10RA3YW0N307 | WDZAN-RYY | 3x0.75 | 0.6 | 0.8 | 8.4 | 9.4 | 26.0 | 0.011 |
| N10RA3YW0N307G | WDZAN-RYY | 3G0.75 | 0.6 | 0.8 | 8.4 | 9.4 | 26.0 | 0.011 |
| N10RA3YW0N407 | WDZAN-RYY | 4x0.75 | 0.6 | 0.8 | 9.2 | 10.2 | 26.0 | 0.011 |
| N10RA3YW0N507 | WDZAN-RYY | 5x0.75 | 0.6 | 0.9 | 10.3 | 11.3 | 26.0 | 0.011 |
| N10RB3YW0N210 | WDZBN-RYY | 2x1.00 | 0.6 | 0.8 | 8.3 | 9.3 | 19.5 | 0.010 |
| N10RB3YW0N310 | WDZBN-RYY | 3x1.00 | 0.6 | 0.8 | 8.8 | 9.8 | 19.5 | 0.010 |
| N10RB3YW0N410 | WDZBN-RYY | 4x1.00 | 0.6 | 0.9 | 9.8 | 10.8 | 19.5 | 0.010 |
| N10RB3YW0N510 | WDZBN-RYY | 5x1.00 | 0.6 | 0.9 | 10.7 | 11.7 | 19.5 | 0.010 |
| N10RB3YW0N215 | WDZBN-RYY | 2x1.50 | 0.7 | 0.8 | 9.3 | 10.3 | 13.3 | 0.010 |
| N10RB3YW0N315 | WDZBN-RYY | 3x1.50 | 0.7 | 0.9 | 10.1 | 11.1 | 13.3 | 0.010 |
| N10RB3YW0N415 | WDZBN-RYY | 4x1.50 | 0.7 | 1.0 | 11.2 | 12.2 | 13.3 | 0.010 |
| N10RB3YW0N515 | WDZBN-RYY | 5x1.50 | 0.7 | 1.1 | 12.4 | 13.4 | 13.3 | 0.010 |
| N10RC3YW0N225 | WDZCN-RYY | 2x2.50 | 0.8 | 1.0 | 10.5 | 11.5 | 7.98 | 0.009 |
| N10RC3YW0N325 | WDZCN-RYY | 3x2.50 | 0.8 | 1.1 | 11.8 | 12.8 | 7.98 | 0.009 |
| N10RC3YW0N425 | WDZCN-RYY | 4x2.50 | 0.8 | 1.1 | 13 | 14 | 7.98 | 0.009 |
| N10RC3YW0N525 | WDZCN-RYY | 5x2.50 | 0.8 | 1.2 | 14.4 | 15.4 | 7.98 | 0.009 |
| N10RC3YW0N340 | WDZCN-RYY | 3x4.00 | 0.8 | 1.0 | 13.3 | 14.3 | 4.95 | 0.007 |
| N10RC3YW0N360 | WDZCN-RYY | 3x6.00 | 0.8 | 1.2 | 14.5 | 15.5 | 3.30 | 0.006 |

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