

# LANmark WDN-RYYP3 CU/LSZH/OS(AL)/LSZH Shielded 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.

## Characteristic

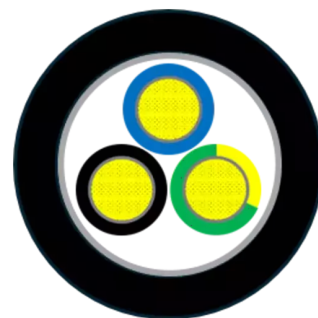
- Copper Class 5
- Insulation of polyolefin, colored
- LSZH jacket
- Foil screen
- Fire Resistant : 90min under 750°C fires
- Nominal Voltage: U0/U=300/300V
- Temperature range: operation: -20°C ~ 70°C  
installation: 0°C ~ 50°C

Insulation color

| Cores No. | color                                                                                   |
|-----------|-----------------------------------------------------------------------------------------|
| 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



## STANDARDS

IEC 60228  
IEC 60754  
IEC 61034  
IEC 60332-1

| N - Code       | Type       | Cross section<br>(mm <sup>2</sup> ) | Insulation<br>(mm) | Sheath<br>(mm) | General OD,<br>max | Conductor Resistance<br>20°C / Ω / km | Insulation Resistance<br>70°C / MΩ.km |
|----------------|------------|-------------------------------------|--------------------|----------------|--------------------|---------------------------------------|---------------------------------------|
| N10R13YW3N205  | WDZN-RYYP3 | 2x0.5                               | 0.5                | 0.6            | 4.9                | 5.9                                   | 39.0                                  |
| N10R13YW3N305  | WDZN-RYYP3 | 3x0.5                               | 0.5                | 0.6            | 5.3                | 6.3                                   | 39.0                                  |
| N10R13YW3N405  | WDZN-RYYP3 | 4x0.5                               | 0.5                | 0.8            | 6.2                | 7.2                                   | 39.0                                  |
| N10R13YW3N505  | WDZN-RYYP3 | 5x0.5                               | 0.5                | 0.8            | 6.7                | 7.7                                   | 39.0                                  |
| N10R13YW3N605  | WDZN-RYYP3 | 6x0.5                               | 0.5                | 0.8            | 7.3                | 8.3                                   | 39.0                                  |
| N10R13YW3N705  | WDZN-RYYP3 | 7x0.5                               | 0.5                | 0.8            | 7.3                | 8.3                                   | 39.0                                  |
| N10R13YW3N805  | WDZN-RYYP3 | 8x0.5                               | 0.5                | 0.8            | 7.9                | 8.9                                   | 39.0                                  |
| N10R13YW3N207  | WDZN-RYYP3 | 2x0.75                              | 0.5                | 0.6            | 5.4                | 6.4                                   | 26.0                                  |
| N10R13YW3N307  | WDZN-RYYP3 | 3x0.75                              | 0.5                | 0.6            | 5.7                | 6.7                                   | 26.0                                  |
| N10R13YW3N307G | WDZN-RYYP3 | 3G0.75                              | 0.5                | 0.8            | 5.7                | 6.7                                   | 26.0                                  |
| N10R13YW3N407  | WDZN-RYYP3 | 4x0.75                              | 0.5                | 0.8            | 6.7                | 7.7                                   | 26.0                                  |
| N10R13YW3N507  | WDZN-RYYP3 | 5x0.75                              | 0.5                | 0.8            | 7.3                | 8.3                                   | 26.0                                  |
| N10R13YW3N607  | WDZN-RYYP3 | 6x0.75                              | 0.5                | 0.8            | 7.9                | 8.9                                   | 26.0                                  |
| N10R13YW3N707  | WDZN-RYYP3 | 7x0.75                              | 0.5                | 0.8            | 7.9                | 8.9                                   | 26.0                                  |
| N10R13YW3N807  | WDZN-RYYP3 | 8x0.75                              | 0.5                | 0.8            | 8.6                | 9.6                                   | 26.0                                  |
| N10R13YW3N210  | WDZN-RYYP3 | 2x1.0                               | 0.6                | 0.6            | 6.1                | 7.1                                   | 19.5                                  |
| N10R13YW3N310  | WDZN-RYYP3 | 3x1.0                               | 0.6                | 0.8            | 6.9                | 7.9                                   | 19.5                                  |
| N10R13YW3N410  | WDZN-RYYP3 | 4x1.0                               | 0.6                | 0.9            | 7.8                | 8.8                                   | 19.5                                  |
| N10R13YW3N510  | WDZN-RYYP3 | 5x1.0                               | 0.6                | 0.9            | 8.5                | 9.5                                   | 19.5                                  |
| N10R13YW3N610  | WDZN-RYYP3 | 6x1.0                               | 0.6                | 1.0            | 9.5                | 10.5                                  | 19.5                                  |
| N10R13YW3N710  | WDZN-RYYP3 | 7x1.0                               | 0.6                | 1.0            | 9.5                | 10.5                                  | 19.5                                  |
| N10R13YW3N810  | WDZN-RYYP3 | 8x1.0                               | 0.6                | 1.0            | 10.2               | 11.2                                  | 19.5                                  |
| N10R13YW3N215  | WDZN-RYYP3 | 2x1.5                               | 0.6                | 0.8            | 7.1                | 8.1                                   | 13.3                                  |
| N10R13YW3N315  | WDZN-RYYP3 | 3x1.5                               | 0.6                | 0.8            | 7.5                | 8.5                                   | 13.3                                  |
| N10R13YW3N415  | WDZN-RYYP3 | 4x1.5                               | 0.6                | 0.9            | 8.4                | 9.4                                   | 13.3                                  |
| N10R13YW3N515  | WDZN-RYYP3 | 5x1.5                               | 0.6                | 1.0            | 9.4                | 10.4                                  | 13.3                                  |
| N10R13YW3N615  | WDZN-RYYP3 | 6x1.5                               | 0.6                | 1.0            | 10.3               | 11.3                                  | 13.3                                  |
| N10R13YW3N225  | WDZN-RYYP3 | 2x2.5                               | 0.7                | 1.0            | 8.7                | 9.7                                   | 7.98                                  |
| N10R13YW3N325  | WDZN-RYYP3 | 3x2.5                               | 0.7                | 1.0            | 9.3                | 10.3                                  | 7.98                                  |
| N10R13YW3N425  | WDZN-RYYP3 | 4x2.5                               | 0.7                | 1.0            | 10.2               | 11.2                                  | 7.98                                  |
| N10R13YW3N525  | WDZN-RYYP3 | 5x2.5                               | 0.7                | 1.1            | 11.4               | 12.4                                  | 7.98                                  |
| N10R13YW3N625  | WDZN-RYYP3 | 6x2.5                               | 0.7                | 1.1            | 12.4               | 13.4                                  | 7.98                                  |

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