

LANmark WDZA/ZB/ZC-RYY CU/LSZH/LSZH Flame Retardant 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

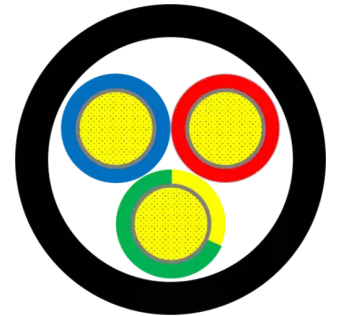
- Copper Class 5
- Insulation of polyolefin, colored
- LSZH jacket
- Nominal Voltage: U0/U=300/300V (Cross section $\leq 0.5\text{mm}^2$)
U0/U=300/500V (Cross section $\geq 0.75\text{mm}^2$)
- Temperature range: operation: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
installation: $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$

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



STANDARDS

IEC 60228
IEC 60754
IEC 61034
IEC 60332-3

N – Code	Type	Cross section (mm ²)	Insulation (mm)	Sheath (mm)	General OD, max	Conductor Resistance 20°C / Ω / km	Insulation Resistance 70°C / MΩ.km	
N10RA3YW0205	WDZA-RYY	2x0.50	0.6	0.6	5.4	6.4	39.0	0.013
N10RA3YW0305	WDZA-RYY	3x0.50	0.6	0.6	5.8	6.8	39.0	0.013
N10RA3YW0207	WDZA-RYY	2x0.75	0.6	0.8	6.3	7.3	26.0	0.011
N10RA3YW0307	WDZA-RYY	3x0.75	0.6	0.8	6.6	7.6	26.0	0.011
N10RA3YW0307G	WDZA-RYY	3G0.75	0.6	0.8	6.6	7.6	26.0	0.011
N10RA3YW0407	WDZA-RYY	4x0.75	0.6	0.8	7.3	8.3	26.0	0.011
N10RA3YW0507	WDZA-RYY	5x0.75	0.6	0.9	8.2	9.2	26.0	0.011
N10RB3YW0210	WDZB-RYY	2x1.00	0.6	0.8	6.5	7.6	19.5	0.010
N10RB3YW0310	WDZB-RYY	3x1.00	0.6	0.8	7.0	8.0	19.5	0.010
N10RB3YW0410	WDZB-RYY	4x1.00	0.6	0.9	7.9	8.9	19.5	0.010
N10RB3YW0510	WDZB-RYY	5x1.00	0.6	0.9	8.6	9.6	19.5	0.010
N10RB3YW0215	WDZB-RYY	2x1.50	0.7	0.8	7.6	8.7	13.3	0.010
N10RB3YW0315	WDZB-RYY	3x1.50	0.7	0.9	8.2	9.2	13.3	0.010
N10RB3YW0415	WDZB-RYY	4x1.50	0.7	1.0	9.2	10.2	13.3	0.010
N10RB3YW0515	WDZB-RYY	5x1.50	0.7	1.1	10.2	11.3	13.3	0.010
N10RC3YW0225	WDZC-RYY	2x2.50	0.8	1.0	8.7	9.9	7.98	0.009
N10RC3YW0325	WDZC-RYY	3x2.50	0.8	1.1	9.9	11.0	7.98	0.009
N10RC3YW0425	WDZC-RYY	4x2.50	0.8	1.1	10.9	12.0	7.98	0.009
N10RC3YW0525	WDZC-RYY	5x2.50	0.8	1.2	12.1	13.2	7.98	0.009
N10RC3YW0340	WDZC-RYY	3x4.00	0.8	1.2	11.4	12.5	4.95	0.007
N10RC3YW0360	WDZC-RYY	3x6.00	0.8	1.2	12.6	13.7	3.30	0.006

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