

LANmark WDW-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

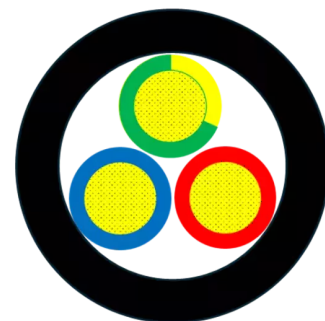
- Copper Class 5
- Insulation of polyolefin
- LSZH jacket
- Nominal Voltage: $U_0/U=300/300V$ (Cross section $\leq 0.5mm^2$)
 $U_0/U=300/500V$ (Cross section $\geq 0.75mm^2$)
- Temperature range: operation: $-20^{\circ}C \sim 70^{\circ}C$
installation: $0^{\circ}C \sim 50^{\circ}C$

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 60332-1
IEC 60754-1
IEC 60754-2
IEC 61034

N – Code	Type	Cross section (mm ²)	Insulation (mm)	Sheath (mm)	General OD. max	OD. min	Conductor Resistance 20°C / Ω / km	Insulation Resistance 70°C / MΩ.km
NIORT3YW0205	WDZ-RYY	2x0.50	0.6	0.6	5.3	6.3	39.0	0.013
NIORT3YW0305	WDZ-RYY	3x0.50	0.6	0.6	5.7	6.7	39.0	0.013
NIORT3YW0207	WDZ-RYY	2x0.75	0.6	0.8	6.2	7.2	26.0	0.011
NIORT3YW0307	WDZ-RYY	3x0.75	0.6	0.8	6.5	7.5	26.0	0.011
NIORT3YW0307G	WDZ-RYY	3G0.75	0.6	0.8	6.5	7.5	26.0	0.011
NIORT3YW0407	WDZ-RYY	4x0.75	0.6	0.8	7.2	8.2	26.0	0.011
NIORT3YW0507	WDZ-RYY	5x0.75	0.6	0.9	8.0	9.0	26.0	0.011
NIORT3YW0210	WDZ-RYY	2x1.00	0.6	0.8	6.5	7.5	19.5	0.010
NIORT3YW0310	WDZ-RYY	3x1.00	0.6	0.8	6.9	7.9	19.5	0.010
NIORT3YW0410	WDZ-RYY	4x1.00	0.6	0.9	7.8	8.8	19.5	0.010
NIORT3YW0510	WDZ-RYY	5x1.00	0.6	0.9	8.5	9.5	19.5	0.010
NIORT3YW0215	WDZ-RYY	2x1.50	0.7	0.8	7.5	8.5	13.3	0.010
NIORT3YW0315	WDZ-RYY	3x1.50	0.7	0.9	8.1	9.1	13.3	0.010
NIORT3YW0415	WDZ-RYY	4x1.50	0.7	1.0	9.1	10.1	13.3	0.010
NIORT3YW0515	WDZ-RYY	5x1.50	0.7	1.1	10.2	11.2	13.3	0.010
NIORT3YW0225	WDZ-RYY	2x2.50	0.8	1.0	8.7	9.7	7.98	0.009
NIORT3YW0325	WDZ-RYY	3x2.50	0.8	1.1	9.9	10.9	7.98	0.009
NIORT3YW0425	WDZ-RYY	4x2.50	0.8	1.1	10.9	11.9	7.98	0.009
NIORT3YW0525	WDZ-RYY	5x2.50	0.8	1.2	12.1	13.1	7.98	0.009
NIORT3YW0340	WDZ-RYY	3x4.00	0.8	1.2	11.4	12.4	4.95	0.007
NIORT3YW0360	WDZ-RYY	3x6.00	0.8	1.2	12.6	13.6	3.30	0.006

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