

LANmark WDN-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.

Characteristic

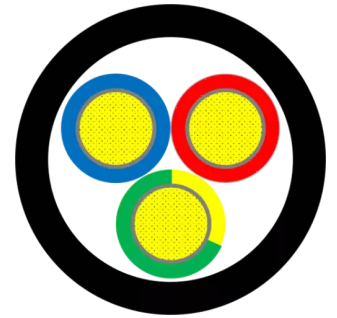
- Copper Class 5
- Insulation of polyolefin, colored
- LSZH jacket
- Fire Resistant : 90min under 750°C fires
- Nominal Voltage: U0/U=300/300V (Cross section $\leq 0.5\text{mm}^2$)
U0/U=300/500V (Cross section $\geq 0.75\text{mm}^2$)
- Temperature range: operation: -20°C ~ 70°C
installation: 0°C ~ 50°C

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



STANDARDS

IEC 60228
IEC 60332-1
IEC 60754
IEC 61034

N – Code	Type	Cross section (mm²)	Insulation (mm)	Sheath (mm)	General OD, max	Conductor Resistance 20°C / Ω / km	Insulation Resistance 70°C / MΩ.km
NIORT3YWON205	WDZN-RYY	2x0.50	0.6	0.6	6.6	7.6	39.0
NIORT3YWON305	WDZN-RYY	3x0.50	0.6	0.6	7.1	8.1	39.0
NIORT3YWON207	WDZN-RYY	2x0.75	0.6	0.8	7.4	8.4	26.0
NIORT3YWON307	WDZN-RYY	3x0.75	0.6	0.8	7.9	8.9	26.0
NIORT3YWON307G	WDZN-RYY	3G0.75	0.6	0.8	7.9	8.9	26.0
NIORT3YWON407	WDZN-RYY	4x0.75	0.6	0.8	8.7	9.7	26.0
NIORT3YWON507	WDZN-RYY	5x0.75	0.6	0.9	9.8	10.8	26.0
NIORT3YWON607	WDZN-RYY	6x0.75	0.6	0.9	10.7	11.7	26.0
NIORT3YWON210	WDZN-RYY	2x1.00	0.6	0.8	7.8	8.8	19.5
NIORT3YWON310	WDZN-RYY	3x1.00	0.6	0.8	8.3	9.3	19.5
NIORT3YWON410	WDZN-RYY	4x1.00	0.6	0.9	9.3	10.3	19.5
NIORT3YWON510	WDZN-RYY	5x1.00	0.6	0.9	10.2	11.2	19.5
NIORT3YWON610	WDZN-RYY	6x1.00	0.6	0.9	11.2	12.2	19.5
NIORT3YWON215	WDZN-RYY	2x1.50	0.7	0.8	8.7	9.7	13.3
NIORT3YWON315	WDZN-RYY	3x1.50	0.7	0.9	9.5	10.5	13.3
NIORT3YWON415	WDZN-RYY	4x1.50	0.7	1.0	10.7	11.7	13.3
NIORT3YWON515	WDZN-RYY	5x1.50	0.7	1.1	11.9	12.9	13.3
NIORT3YWON615	WDZN-RYY	6x1.50	0.7	1.1	13.0	14.0	13.3
NIORT3YWON225	WDZN-RYY	2x2.50	0.8	1.0	10.0	11.0	7.98
NIORT3YWON325	WDZN-RYY	3x2.50	0.8	1.1	11.3	12.3	7.98
NIORT3YWON425	WDZN-RYY	4x2.50	0.8	1.1	12.4	13.4	7.98
NIORT3YWON525	WDZN-RYY	5x2.50	0.8	1.2	13.8	14.8	7.98
NIORT3YWON625	WDZN-RYY	6x2.50	0.8	1.2	15.1	16.1	7.98

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