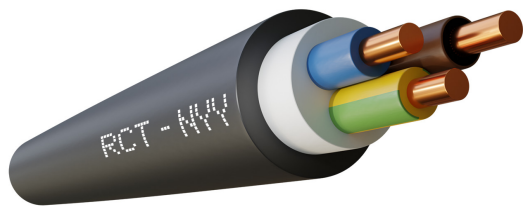


Cables 0.6/1 kV

NYY



Description

The NYY cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575, being those suitable for transport and distribution of low voltage electrical energy. Recommended for industrial installations, water or gas connections, internal distribution and outside connections. It can be used on underground networks and fixed installations.

- NYY-J cables are made with a yellow/green conductor
- NYY-O cables are made without a yellow/green conductor

Reference Standards DIN VDE 0276

Applications

Suitable for the following installations:

- Underground networks for low voltage distribution
- Underground feed networks for external lighting installations
- Electric energy distribution networks. Underground water or gas connections
- Internal or receiver installations
- Installations on premises with special characteristics

Technical Characteristics

1. Conductor	Rigid electrolytic copper (Class I or II) in compliance with DIN-VDE 0295, UNE-EN 60228, EN 60228 and IEC 60228
2. Insulation	PVC tipo DIV4 según DIN VDE 0276
3. Bedding	PVC
4. Sheath	PVC tipo DMV5 según VDE 0276-603
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.C.
Maximum temperature	70 °C
Reference standard	VDE 0276-603
Colours	Según VDE 0293-308 y HD 308 S2
No flame spread	According to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

The information contained on this page is for information only and does not constitute a contractual commitment of any kind from Cables RCT. 17 de julio de 2024
Cables RCT, as a consequence of his continuous improvement process, may modify any technical specification without further notice.



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Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x1,5	12,1	6,4	60	
1x2,5	7,41	6,8	73	
1x4	4,61	7,7	99	
1x6	3,08	8,35	127	
1x10	0	9,15	172	
1x16	1,15	10,05	229	Eca
1x25	0,727	11,8	339	Eca
1x35	0,524	12,9	440	Eca
1x50	0,387	14,5	603	Eca
1x70	0,268	16,45	820	Eca
1x95	0,193	18,65	1105	Eca
1x120	0,153	20,05	1318	Eca
1x150	0,124	21,95	1614	Eca
1x185	0	24,15	1963	Eca
1x240	0,0775	26,95	2634	Eca
1x300	0	29,6	3121	Eca
2x1,5	12,1	10,15	151	Eca
2x2,5	7,41	11	187	Eca
2x4	4,61	12,8	263	Eca
2x6	3,08	14,1	340	Eca
2x10	0	15,7	456	Eca
2x16	1,15	17,5	607	Eca
2x25	0,727	21	909	Eca
2x35	0,524	23,2	1170	Eca
3x1	0	9,6	135	
3x1,5	12,1	9,9	154	Eca
3x2,5	7,41	11,05	204	Eca
3x4	4,61	13,45	309	Eca

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
3x6	3,08	14,85	406	Eca
3x10	0	16,6	557	Eca
3x16	1,15	18,5	752	Eca
3x25	0,727	22,25	1138	Eca
3x35	0,524	24,6	1481	Eca
4x1,5	12,1	11,3	200	Eca
4x2,5	7,41	12,3	256	Eca
4x4	4,61	14,5	368	Eca
4x6	3,08	16,1	494	Eca
4x10	0	18	689	Eca
4x16	1,15	20,2	935	Eca
4x25	0,727	24,35	1421	Eca
4x35	0,524	27,05	1870	Eca
5x1,5	12,1	11,4	214	Eca
5x2,5	7,41	13,3	311	Eca
5x4	4,61	15,2	420	Eca
5x6	3,08	17,45	588	Eca
5x10	0	19,6	822	Eca
5x16	1,15	22,05	1131	Eca
5x25	0,727	26,7	1743	Eca
5x35	0,524	29,9	2293	Eca
7x1,5	12,1	12,95	281	Eca
7x2,5	7,41	14,15	369	Eca
10x1,5	12,1	14,65	372	Eca
10x2,5	7,41	16,1	492	Eca
12x1,5	12,1	15,5	415	Eca
12x2,5	7,41	17,1	548	Eca
19x1,5	12,1	18,1	591	Eca