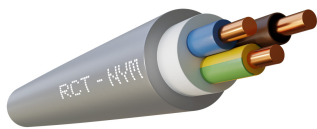


Cables 300/500 V

NYM-J Nym-O



Description

The Nym cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575, being those indicated for industrial use, household use and wiring. Made in accordance with VDE 0250-204 These cables can be used over and under plaster, masonry and concrete. The cables must not come in direct contact with concrete. Their use in open air is only possible as long as the cable is protected against direct sunlight. They can be used in dry, damp or wet environments.

Reference Standards DIN VDE 0281-1, UNE 21031-4 and HD 21.4S2 and IEC 60227-4

Applications

- Suitable for the following installations:
- Internal or receptive installations
  - Internal installations for houses and premises
  - Installations in premises with special characteristics
  - Installations with special purposes: building work provisional and temporary installations
  - Receiver installations
  - Electrical installations on furniture

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 type TI-1 in accordance with DIN VDE 0281-1, UNE 21031-4 and HD 21.4S2:1990 and IEC227-4:1979 MOD           |
| 3. Bedding          | PVC                                                                                                             |
| 4. Sheath           | PVC type TM-1 in accordance with DIN VDE 0281-1, UNE 21031-4 and HD 21.4S2:1990 and IEC227-4:1979 MOD           |
| Nominal voltage     | 300/500V                                                                                                        |
| Test voltage        | 2.000 V A.C.                                                                                                    |
| Maximum temperature | 70 °C                                                                                                           |
| 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 <sup>2</sup> ) | Resistance at 20°C (Ohm/km) | External Diameter (mm) | Weight (kg/km) | Class |
|----------------------------|-----------------------------|------------------------|----------------|-------|
| 1x1,5                      | 12,1                        | 5,3                    | 45             |       |
| 1x2,5                      | 7,41                        | 5,8                    | 58             |       |
| 1x4                        | 4,61                        | 6,5                    | 80             |       |
| 1x6                        | 3,08                        | 7,05                   | 104            |       |
| 1x16                       | 1,15                        | 9,25                   | 211            | Eca   |
| 1x25                       | 0,727                       | 10,95                  | 317            | Eca   |
| 1x35                       | 0,524                       | 12                     | 414            | Eca   |
| 2x1,5                      | 12,1                        | 8,2                    | 107            | Eca   |
| 2x2,5                      | 7,41                        | 9,5                    | 150            | Eca   |
| 2x4                        | 4,61                        | 11,2                   | 218            | Eca   |
| 2x6                        | 3,08                        | 12,3                   | 281            | Eca   |
| 2x16                       | 1,15                        | 17,1                   | 591            | Eca   |
| 2x35                       | 0,524                       | 22,6                   | 1140           |       |
| 3x1,5                      | 12,1                        | 8,5                    | 123            | Eca   |
| 3x2,5                      | 7,41                        | 9,95                   | 176            | Eca   |
| 3x4                        | 4,61                        | 11,8                   | 261            | Eca   |
| 3x6                        | 3,08                        | 13                     | 343            | Eca   |
| 3x16                       | 1,15                        | 18,1                   | 735            | Eca   |
| 3x25                       | 0,727                       | 22,2                   | 1135           |       |
| 3x35                       | 0,524                       | 24,45                  | 1472           |       |
| 4x1,5                      | 12,1                        | 9,8                    | 162            | Eca   |
| 4x2,5                      | 7,41                        | 11,05                  | 221            | Eca   |
| 4x4                        | 4,61                        | 13,7                   | 346            | Eca   |
| 4x6                        | 3,08                        | 14,7                   | 440            | Eca   |
| 4x16                       | 1,15                        | 19,8                   | 916            | Eca   |
| 4x25                       | 0,727                       | 24,3                   | 1418           |       |
| 4x35                       | 0,524                       | 26,85                  | 1852           |       |
| 5x1,5                      | 12,1                        | 10,6                   | 195            | Eca   |
| 5x2,5                      | 7,41                        | 11,95                  | 269            | Eca   |
| 5x4                        | 4,61                        | 14,2                   | 392            | Eca   |
| 5x6                        | 3,08                        | 15,7                   | 521            | Eca   |
| 5x16                       | 1,15                        | 22,05                  | 1132           |       |
| 5x25                       | 0,727                       | 26,65                  | 1740           |       |
| 5x35                       | 0,524                       | 30,4                   | 2338           |       |
| 7x1,5                      | 12,1                        | 12,5                   | 272            | Eca   |
| 7x2,5                      | 7,41                        | 12,8                   | 325            | Eca   |