

PRODUCT DESCRIPTION

One of the main elements of a cathodic protection system, is the cable and the installed system life depends on its duration. NYN cable is an annealed electrolytic copper conductor with black PVC insulation. The insulated conductors gathered together have PVC filler that gives better mechanical protection, it has an outer PVC cover.

MAIN FEATURES

- **Nominal voltage**
1,000 V
- **Manufacturing Standards**
N.T.P. 370.255-1
IEC 60502-1

- **Operating temperature**
80°C

- **Technical characteristics**

Resistant to humidity and the environment up to 80 ° C. Good resistance to acids, greases, oils and abrasion; easy to install; Does not spread flame, Aerial use in plants or direct burial.

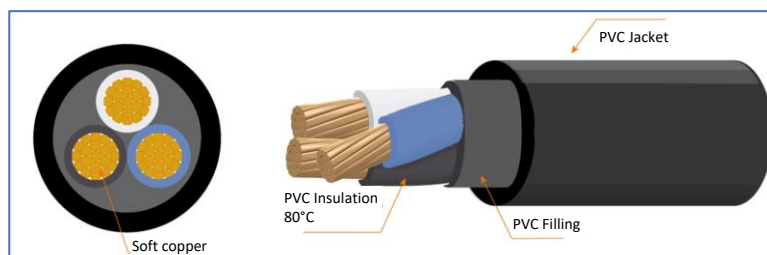
- **Insulation**

Black PVC insulation with correlative numbering.

- **Caliber**

We offer many formations ranging from 2 x 0.5 mm², up to 37 x 6 mm².

- **Air temperature**
30°C.



NYN CONTROL CABLE SPECIFICATIONS - NYN SINGLE POLE TECHNICAL DATA TABLE

Shipping lengths will be as specified in the purchase order. Packaging will be in accordance with standard business practices.

SECTION	Nº THREADS	THICKNESS		EXPECTED DIAMETER	EXPECTED WEIGHT	CURRENT CAPACITY (*)		
		INSULATION	COATING			BURIED	AIR	DUCT
Nº x mm ²		mm	mm	mm	kg/km	A	A	A
1 x 6	7	1	1.4	7.90	112	72	54	58
1 x 10	1	1	1.4	8.50	150	95	74	77
1 x 16	7	1	1.4	9.70	222	127	100	102
1 x 25	7	1.2	1.4	11.3	330	163	131	132
1 x 35	7	1.2	1.4	12.3	431	195	161	157

(*) The data in the table is subject to normal manufacturing tolerances.

NYY CONTROL CABLE SPECIFICATIONS - NYY BIPOLAR TECHNICAL DATA TABLE

Shipping lengths will be as specified in the purchase order. Packaging will be in accordance with standard business practices.

SECTION	Nº THREADS	THICKNESS		EXPECTED DIAMETER	EXPECTED WEIGHT	CURRENT CAPACITY (*)		
		INSULATION	INSULATION			BURIED	AIR	DUCT
Nº x mm ²		mm	mm	mm	kg/km	A	A	A
2 x 6	1	1	1.8	15.9	378	68	48	56
2 x 10	1	1	1.8	17.5	500	90	66	75
2 x 16	7	1	1.8	18.7	650	116	89	95
2 x 25	7	1.2	1.8	22.0	945	145	118	120
2 x 35	7	1.2	1.8	24.0	1210	175	145	145

(*) The data in the table is subject to normal manufacturing tolerances.

APPLICATIONS

In industrial plants, for motor control systems, lighting, signaling and interconnections of equipment in general, control circuits in automatic machines. They can be installed aerially in ducts or directly buried.

SHIPPING

- On 250m wooden reels.

WARRANTY AND LIMITATION OF LIABILITY

TECNOLOGIA TOTAL will not be in any case responsible for damages of any nature that could be derived from an inadequate use of the product. Before using the product, the user must determine if the product is suitable for its intended use, taking all risks and liability that could be derived from its use.

If it's proved that a product is faulty due to manufacturing or its material at the time of sale, or that it does not fulfill during its warranty period the indicated properties in this technical sheet, the only responsibility of TECNOLOGIA TOTAL will consist of replacing the buyer with the quantity of product that is found to be defective. TECNOLOGIA TOTAL does not take any responsibility for any additional cost such as manufacturing cost, withdrawal or re-application of the products. If TECNOLOGIA TOTAL offers a warranty to their clients, express or implicit, or a compensation that differs from the established in this section, this stipulation can not be altered unless a signed agreement by the parties.

