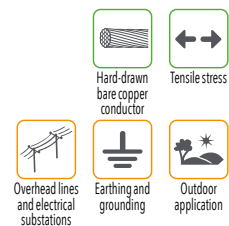


TENDENAX

MIGUÉLEZ ARTICLE GROUP 700



- **Description:** Stranded hard-drawn bare copper conductor designed for overhead power lines and electrical substations.
- **Standard (construction/tests):** UNE 207015.
- **Construction:** Stranded hard-drawn bare copper conductor made up of circular hard-drawn copper wires according to the UNE 20003 standard. The successive layers of wires are stranded in the opposite direction, being the last outer layer stranded 'right-hand' (Z).
- **Range:** Nominal cross-sectional areas from 16 up to 300 mm².
- **Applications:** Fixed installation. Intended for overhead power lines and electrical substations.
- **Functional properties:**
 - Suitable for outdoor use under weathering conditions or buried installation (in normal soils).
 - Excellent performance under tensile stress such as that of overhead power lines.
- **Packaging:** Drum/cut to length.

Code	Description	Nominal cross-sectional area	Number of wires	Nominal diameter of each wire	Overall diameter	Total weight	Minimum ultimate tensile strength	Maximum electrical resistance at 20°C (DC)
		mm ²		mm				
870001001619903	TENDENAX C 16	15.3	7	1.70	5.10	144	672	1.14
870001002519903	TENDENAX C 25	25.2	7	2.14	6.42	228	1052	0.719
870001003519903	TENDENAX C 35	34.9	7	2.52	7.56	317	1396	0.518
870001005039903	TENDENAX C 50	49.5	7	3.00	9.00	449	1978	0.366
870001007019903	TENDENAX C 70	70.3	19	2.17	10.85	640	2844	0.259
870001009519903	TENDENAX C 95	94.8	19	2.52	12.60	864	3667	0.192
870001012019903	TENDENAX C 120	121.2	19	2.85	14.25	1104	4690	0.150
870001015019903	TENDENAX C 150	147.1	37	2.25	15.75	1344	5825	0.124
870001018519903	TENDENAX C 185	184.5	37	2.52	17.64	1687	6983	0.099
870001024019903	TENDENAX C 235	236.0	37	2.85	19.05	2157	8931	0.0773
870001030019903	TENDENAX C 300	304.2	61	2.52	22.68	2791	11120	0.0602

MIGUÉLEZ S.L. v2024-01-2. Data contained in this document is merely informative and subject to any type of modification by MIGUÉLEZ S.L. without prior notice. They do not result in an offer or contractual commitment.

* Short product code. Must be completed with the corresponding characters for 'oversheath colour' and 'packaging'. Check the 'Miguélez product code' section on our web page, in 'Downloads'.
 ** Check the CPR-classified range and the range included in the certifications indicated for each product, as well as much more information about our products, on the website: www.miguellez.com
 *** Dimensional and weight values are approximate and subject to normal manufacturing tolerances.
 **** It is the sole responsibility of the end user to determine suitability of this product for its intended use and application. Please, consult the regulations, laws or standards that are applicable to each particular case.
 The installation systems and additional requirements established by any regulation, law and/or standards applicable to each particular case must be met.