



 **CABLEL[®]**

HELLENIC CABLES S.A.
HELLENIC CABLE INDUSTRY S.A.

— **Rectangular Copper Wires**



HELLENIC CABLES S.A.

HELLENIC CABLE INDUSTRY S.A.

HELLENIC CABLES S.A. is the sole Greek manufacturer of enamelled copper wires, operating one of the most modern plants in Europe. It is also the leading Greek producer of power cables up to 400 kV and through its subsidiary TELECABLES S.A. of copper telecommunication and fiber optic cables.

The company's broad range of enamelled wires is traded under the CABLEL trademark in forty countries, in three continents.

HELLENIC CABLES S.A. exports more than 80% of its enamelled wires production.

The company has enjoyed a long presence (more than 35 years) in the electrical engineering industry. With high levels of expertise in the field, technical know-how from world-leaders and continuous investment in state-of-the-art equipment, it ensures levels of efficiency and quality, meeting the most demanding needs. Moreover, the HELLENIC CABLES S.A. extensive distribution network combined with its efficient logistics system, provide high standards of before- and after-sales service. Quick response and specialists' advice are always available.

CABLEL wires are manufactured and tested according to IEC 60317-0-1 and are certified by UL; customers may also request any other recognised international standard (NEMA, JIS e.t.c). The company's Quality Management System is certified to ISO 9001 and its Environmental Management System to ISO 14001.

The company's highly experienced technical and managerial staff have a strong commitment to technological excellence and outstanding quality, which ensures that the user of CABLEL products has made a reliable choice.

Enamelled Wires



Power Cables



Telecommunication Cables



Rubber and Plastic Compounds



MEDIOTHERM - 200®

Rectangular Copper Wires

PROPERTIES	
STANDARDS	IEC 60317-29 NEMA MW 36-C
INSULATION COATINGS	MODIFIED POLYESTER (IMIDE) WITH POLYAMIDE-IMIDE OVERCOAT
AVAILABILITY	WIDTH min 2.00 max 25,00 (mm) THICK. min 0.80 max 8,00(mm)
INSULATION INCREASE	GR1 0,06-0,11mm GR2 0,12-0,17mm
MECHANICAL PROPERTIES	
ELONGATION	>32%
ADHERENCE-FLEXIBILITY	
(4 X WIDTH)	EXCELLENT
(4 X THICKNESS)	EXCELLENT
ELECTRICAL PROPERTIES	
BREAKDOWN VOLTAGE	GR1 >1,5 KV GR2 > 2,5 KV
THERMAL PROPERTIES	
TEMPERATURE INDEX	200
HEAT SHOCK	200°C
CHEMICAL PROPERTIES	
SOLVENT TEST	4H
RESISTANCE TO TRANSFORMER OIL & REFRIGERANTS	EXCELLENT
PACKING	CYLINDRICAL REELS 355, 500, 710, 1000 ACCORDING TO IEC 264-2

Applications

Oil submerged or dry transformers, welding transformers, hermetic motors.

Dimension range

Width (mm)	0.80	0.90	1.00	1.12	1.25	1.40	1.60	1.80	2.00	2.24	2.50	2.80	3.15	3.55	4.00	4.50	5.00	5.60	6.30	7.10	8.00	
2.00																						
2.24																						
2.50																						
2.80																						
3.15																						
3.55																						
4.00																						
4.50																						
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5.60																						
6.30																						
7.10																						
8.00																						
9.00																						
10.00																						
11.20																						
12.50																						
14.00																						
16.00																						
18.00																						
20.00																						
22.40																						
25.00																						





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