

# Conductor de cupru clasa 1 sau 2 | Copper conductor class 1 or 2



## Construcție

1. Conductor de cupru unifilar clasa 1, sau multifilar clasa 2

## Construction

1. Solid or multiwire copper conductor

## Specificatia tehnica

Temperatura de lucru: min. -40 °C max. +70 °C  
Temperatura minima:  
– instalare si manipulare: +4 °C  
– depozitare: -40 °C  
Temperatura max. de depozitare: +40 °C  
Standard de fabricatie: SR EN 60228:2006  
Ambalare: colaci de 100 si 200 m acoperiti cu folie din plastic, cutii de carton, bobine.

## Technical specification

Operating temperature: min. -40 °C max. +70 °C  
Min. temperature:  
– with installation and handling: +4 °C  
– storage: -40 °C  
Max. storage temperature: +40 °C  
Manufacturing standard: SR EN 60228:2006  
Standard packing: coils 100 and 200 m covered with plastic foil, in carton boxes, reels

Sectiune Cross section (mm <sup>2</sup> )	Forma conductor Conductor shape	Construcție conductor Conductor construction (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)	Sarcina Current carrying capacity (A)
6	ru, cl1	1x2.7	2.7	50.9	3.0800	53
6	rm, cl2	7x1.03	3.1	52.4	3.0800	53
10	ru, cl1	1x3.5	3.5	85.5	1.8300	74
10	rm, cl2	7x1.35	4.1	90	1.8300	74
16	ru, cl1	1x4.4	4.3	135.5	1.1500	105
16	rm, cl2	7x1.7	5.1	142.8	1.1500	105
25	rm, cl2	6x2.2	6.6	226	0.7270	146
35	rm, cl2	7x2.41	7.3	314	0.5240	175
50	rm, cl2	12x2.2	9.2	425	0.3870	219
70	rm, cl2	17x2.2	10.3	614	0.2680	281
95	rm, cl2	23x2.2	11.7	851	0.1930	341
120	rm, cl2	29x2.2	14.1	1189	0.1530	396
150	rm, cl2	36x2.2	15.4	1443	0.1240	456
185	rm, cl2	47x2.2	17.9	1768	0.0991	521
240	rm, cl2	61x2.2	19.8	2318	0.0754	615

ru – conductor rotund unifilar | round solid conductor

rm – conductor rotund multifilar | round stranded conductor