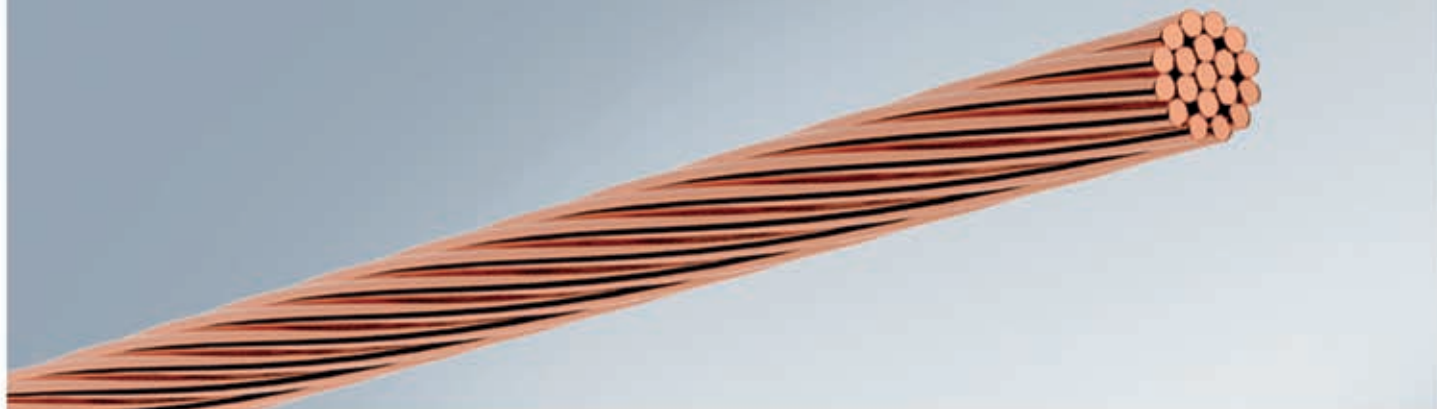


BARE COPPER CABLE

CABLES SUITABLE FOR GROUNDING AND LIGHTNING INSTALLATIONS



APPLICATION:

Suitable for grounding system installations and for lightning strikes.

CONDUCTOR:

Rope composed of bare electrolytic copper wires.

PACKAGING:

Wooden coils are supplied.

APPLICABLE STANDARDS:

NBR 6524 - Hard and medium-hard copper wires and cables, with or without protective covering, for aerial installations - Specification.

NBR 5349 - Bare copper cables for electrical purposes - Specification.



NBR 6524

Nominal Section (mm ²)	Construction			Maximum electrical resistance at 20°C (Ω/km)
	No. of wires	Diameter of wires (mm)	Nominal diameter (mm)	
10	7	1,36	4,08	1,82
16	7	1,70	5,10	1,17
25	7	2,06	6,18	0,795
35	7	2,50	7,50	0,538
70	19	2,12	10,60	0,276
95	19	2,50	12,50	0,198
120	37	2,06	14,42	0,150
150	37	2,24	15,68	0,127
185	37	2,50	17,50	0,102

NBR 5349

Nominal Section (mm ²)	Construction		Electrical Resistance maximum at 20°C (Ω/km)
	No. of wires	Outside Diameter (mm)	
10	7	4,04	1,83
16	7	5,10	1,15
25	7	6,40	0,727
35	7	7,44	0,524
50	19	8,90	0,387
70	19	10,60	0,268
95	19	12,40	0,193
120	37	13,98	0,153
150	37	15,40	0,124