

Bare Stranded Copper Conductor

Per DIN 48201/1 - 81

Specification 1007, Rev 070714-B



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Application

The bare stranded copper conductors are used for overhead power transmission systems or for grounding purposes.



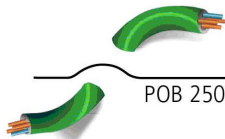
Construction

One or more layers of hard drawn copper wires are stranded in opposite directions. The outermost layers are right-hand lay.

Cable Codes and Technical Parameters

Nominal section, mm ²	P.N.	Number of wires	Diameter of single wires, mm	Diameter of conductor, mm	Breaking strength (kN), min.	Current rating in air A	Resistance at 20 °C Ohm/km
10	1990010	7	1.35	4.05	4.02	90	1.83
16	1990016	7	1.70	5.10	6.37	125	1.15
25	1990025	7	2.10	6.30	9.72	160	0.727
35	1990035	7	2.50	7.50	13.78	200	0.524
50	1990050	19	1.80	9.00	19.38	250	0.387
70	1990070	19	2.10	10.50	26.38	310	0.268
95	1990095	19	2.50	12.50	37.39	380	0.193
120	1990120	19	2.80	14.00	46.90	440	0.153
150	1990150	37	2.25	14.8	58.98	510	0.124
185	1990185	37	2.50	17.5	72.81	585	0.0991
240	1990240	61	2.25	20.3	97.23	700	0.0754
300	1990300	61	2.50	22.5	120.04	800	0.0601

Yair Duchovni Cables reserves the right to modify the products described in this data sheet without prior notice



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