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Technical Data-Sheet

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[elumeg - Stranded hook-up wire 130 - KMB](#)

Thermal Class B (130° C)

Free of halogens and silicones
 Resistant against refrigerating fluids
 Connection cable for hermetic motors

Conductor : Stranded E-Copper, bare
 Braid : Polyester fibre
 Insulation : 0,50 ... 1,50 mm² 1 layer Polyester film
 2,50 ... 10,00 mm² 2 layers Polyester film, wound in opposing directions
 Braid : Polyester fibre
 Standard colours : white
 or white with tracer threads red or black
 Standard winding : Coils, reels or barrels Ø 300 mm

Electrical properties

Test voltage (DIN VDE 0472 part 509 test method B) : 2,50 kV (Sinus / 50 Hz / 2 min)

Dimensions

Nom. Cross-section [mm ²]	Dimensions of single wires [mm]	Outside Ø nominal [mm]	Weight of copper [kg/km]	Conductor resistance max.at 20° C [Ω/km]	elumeg Art.-Nr.
0,50	16 x 0,20	2,00	5,0	37,1	212 0 116 1
0,75	24 x 0,20	2,20	7,5	24,8	
1,00	32 x 0,20	2,40	10,0	18,5	212 0 120 1
1,50	30 x 0,25	2,80	15,0	12,7	212 0 136 1
2,50	50 x 0,25	3,10	25,0	7,60	212 0 137 1
4,00	56 x 0,30	3,80	40,0	4,73	212 0 153 1
6,00	84 x 0,30	4,30	60,0	3,14	212 0 155 1
10,0	80 x 0,40	5,50	100,0	1,84	212 0 164 1

The specifications are guidelines and do not release from suitability tests for intended purpose.