

Technical Data-Sheet

Issue: 02/24

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

Thermal Class B (130°C)

Resistant against refrigerating fluids

Free of halogens and silicones

Connection cable for hermetic motors

Conductor	:	Stranded E-Copper, bare
Braid	:	Polyester fibre
Insulation	:	0,50 ... 1,50 mm ² 1 layer Polyester film 2,50 ... 10,00 mm ² 2 layers Polyester film, wound in opposing directions
Braid	:	Polyester fibre
Standard colours	:	white, 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

Cross-section (nom.) [mm ²]	Dimension [mm]	Outer diameter [mm]	Copper weight [kg/km]	max. Conductor resistance 20°C [Ω/km]	elumeg- article-no.
0,50	16 x 0,20	2,00	5,00	37,1	212 0 116 1
0,75	24 x 0,20	2,20	7,50	24,8	212 0 119 1
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	7,6	212 0 137 1
4,00	56 x 0,30	3,80	40,0	4,7	212 0 153 1
6,00	84 x 0,30	4,30	60,0	3,1	212 0 155 1
10,0	80 x 0,40	5,50	100,0	1,8	212 0 164 1