

HK

Copper wire



Application

Copper wire for fixed installations indoors and outdoors. As earthing conductor or earthing electrode. May be buried directly in soil.

Design

Standards EN/IEC 60228 class 2

Conductor Circular stranded copper, EN/IEC 60228 class 2

Temperature limits

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Technical information	HK 16 7x	HK 16 19x	HK 25 7x	HK 25 19x	HK 35 7x	HK 35 19x	HK 50 7x	HK 50 19x	HK 70 19x	HK 95 19x
Product code	1811070	1811010	1811071	1811011	1811072	1811012	1811073	1811013	1811014	1811015
Nominal cross-sectional area of conductor mm ²	16	16	25	25	35	35	50	50	70	95
Nominal cable diameter mm	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Nominal cable weight kg/km	137,000	148,200	224,700	228,200	314,500	316,500	423,370	427,870	613,500	858,700
Nominal weight of copper kg/m	0,140	0,148	0,225	0,228	0,315	0,317	0,423	0,428	0,614	0,859
Maximum forces during installation when pulling by										
Max. pulling force by pulling-eye kN	0,8	0,8	1,3	1,3	1,8	1,8	2,5	2,5	3,5	4,8
DC resistance										
Max. DC resistance of conductor at 20 °C Ω/km	1,15	1,15	0,727	0,727	0,524	0,524	0,387	0,387	0,268	0,193

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Technical information	HK 120 37x	HK 150 37x	HK 240 61x
Product code	1811016	1811017	1811019
Nominal cross-sectional area of conductor mm ²	120	150	240
Nominal cable diameter mm	0,000	0,000	0,000
Nominal cable weight kg/km	1086,000	1334,000	2207,000
Nominal weight of copper kg/m	1,086	1,334	2,207
Maximum forces during installation when pulling by			
Max. pulling force by pulling-eye kN	6,0	7,5	12,0
DC resistance			
Max. DC resistance of conductor at 20 °C Ω/km	0,153	0,124	0,0991