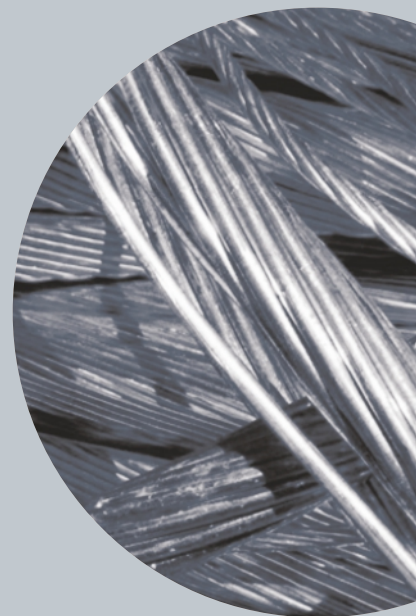
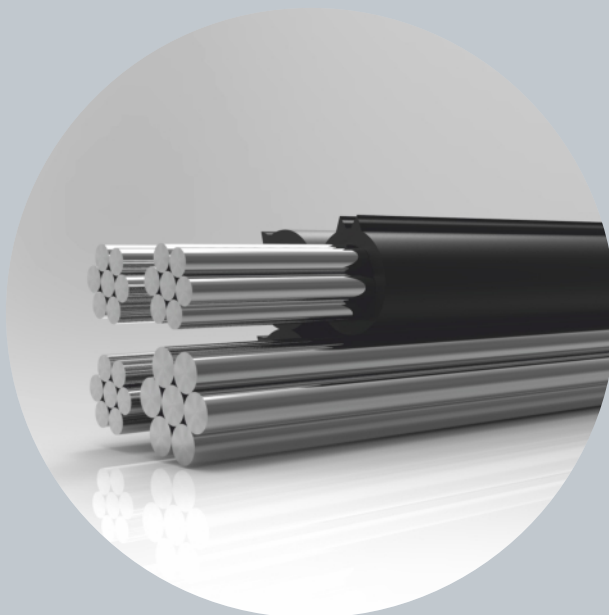


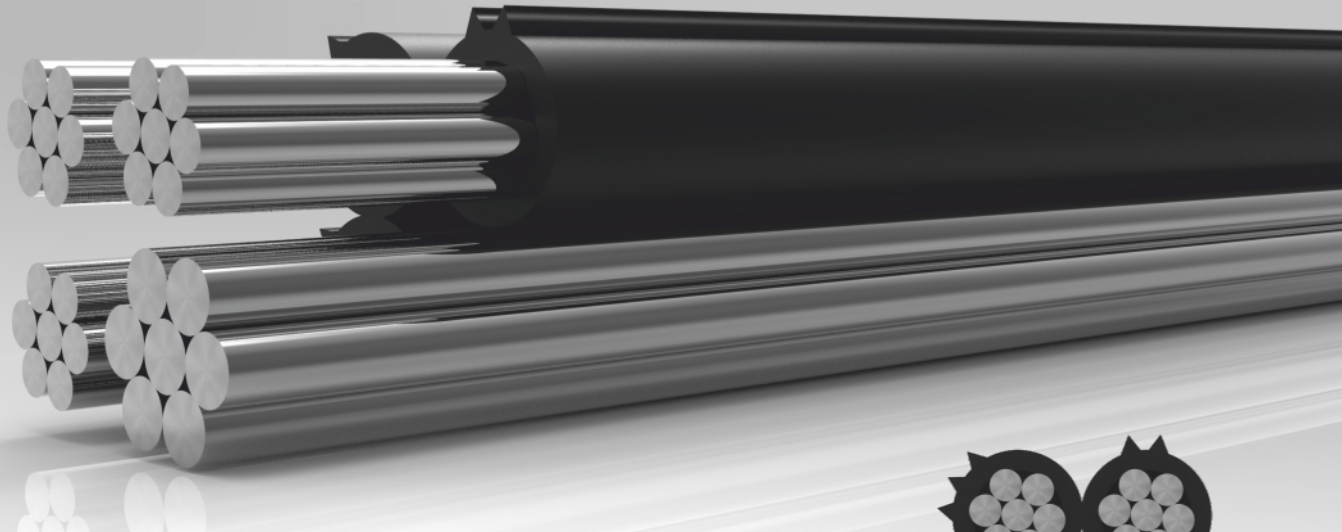


Aluminium power cables for voltage up to 1kV

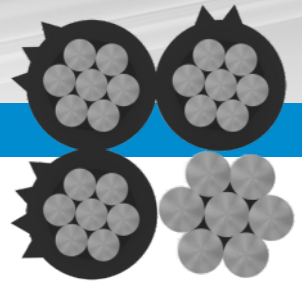


AMKA

PE insulated bundled overhead line with bare neutral conductor



Aluminium power cables for voltage up to 1kV



APPLICATION

Can be used for fixed installation as overhead power lines up to 1,000 V inclusive.
Not suitable for direct burial.



CONSTRUCTION

- Aluminum conductor (phase conductor), round stranded compressed (RM)
- Bare alloy aluminum conductor (neutral conductor, AlMgSi), round stranded compressed (RM)
- Bare alloy aluminum conductor (neutral conductor, AlMgSi), round stranded compressed (RM)
- Core insulation (PE black, UV-resistant)



TEHNICAL DATA

Standard: HD 626.5D
SFS 2200 ; IEC 60104

Rated voltage: 0.6 / 1kV

Test voltage: 4 kV / 50 Hz

Temperature range

Laying temperature: min. -20°C
Operating temperature: -30°C to 70°C
Conductor temperature: max. +70°C
Short-circuit temperature: max. +135°C / 5 s



Bending radius (min): •18 x Ø of cable

Core identification:

- 2, 3 resp. 4 raised longitudinal ribs on the surface of the cores. Neutral conductor is not insulated.
- Inscription on the cores identify cable.





CONSTRUCTION DATA OF POWER CABLES / AMKA					
Number of cores x nominal cross section	Max. conductor resistance	Current rating in the air ¹	Outer diameter	Total weight	Standard lengths / packig
(mm ²)	(Ω / km)	(A)	(mm) ca.	(kg/km) ca.	(m)
2x16	1,91	75	15	134	1000 D
3x16	1,91	69	16	202	1000 D
4x16	1,91	69	18	271	1000 D
2x25	1,20	107	17	198	1000 D
3x25	1,20	107	19	298	1000 D
3x25+54,6	1,20	107	25,3	494	1000 D
3x25+54,6+16	1,20	107	27,8	557	1000 D
3x25+54,6+2x16	1,20	107	28	621	1000 D
3x25+70	1,20	107	26,8	534	1000 D
3x25+70+16	1,20	107	28,4	598	1000 D
3x25+70+2x16	1,20	107	28,7	661	1000 D
4x25	1,20	107	21	399	1000 D
4x25+25	1,20	107	21	500	1000 D
2x35	0,868	132	20	271	1000 D
3x35+54,6	0,868	132	29,2	604	1000 D
3x35+54,6+16	0,868	132	30,1	668	1000 D
3x35+54,6+16	0,868	132	30,1	731	1000 D
3x35+70	0,868	132	29,5	644	1000 D
3x35+70+16	0,868	132	30,6	708	1000 D
3x35+70+2x16	0,868	132	30,6	771	1000 D
4x35	0,868	132	24	545	1000 D
4x35+25	0,868	132	24	646	1000 D
4x35+2x25	0,868	132	24	748	1000 D
4x35+35	0,868	132	24	683	1000 D
3x50+70	0,641	165	33,2	763	1000 D
3x50+54,6	0,641	165	32,9	723	1000 D
3x50+54,6+2x16	0,641	165	33	850	1000 D
3x50+54,6+2x25	0,641	165	33	916	1000 D
3x50+70+16	0,641	165	33,4	827	1000 D
3x50+70+2x16	0,641	165	33,4	890	1000 D
4x50	0,641	165	28	754	1000 D
4x50+16	0,641	165	28	823	1000 D
4x50+25	0,641	165	28	855	1000 D
4x50+2x25	0,641	165	28	957	1000 D



CONSTRUCTION DATA OF POWER CABLES / AMKA					
Number of cores x nominal cross section	Max. conductor resistance	Current rating in the air ¹	Outer diameter	Total weight	Standard lengths / packig
(mm ²)	(Ω / km)	(A)	(mm) ca.	(kg/km) ca.	(m)
4x50+35	0,641	165	28	892	1000 D
4x50+2x35	0,641	165	28	1030	1000 D
3x70+16	0,443	205	30	804	1000 D
3x70+70	0,443	205	37,4	975	1000 D
3x70+70+16	0,443	205	37,4	1038	1000 D
3x70+70+2x16	0,443	205	37,4	1102	1000 D
3x70+2x16	0,443	205	30	874	1000 D
3x70+70+25	0,443	205	38	1071	1000 D
3x70+70+2x25	0,443	205	38	1168	1000 D
3x70+54,6	0,443	205	37,1	935	1000 D
3x70+54,6+16	0,443	205	37,1	998	1000 D
3x70+54,6+2x16	0,443	205	37,1	1062	1000 D
3x70+54,6+25	0,443	205	37,1	1031	1000 D
3x70+54,6+2x25	0,443	205	37,1	1128	1000 D
4x70	0,443	205	32	981	1000 D
4x70+16	0,443	205	32	1051	1000 D
4x70+25	0,443	205	32	1083	1000 D
4x70+2x25	0,443	205	32	1185	1000 D
4x70+35	0,443	205	32	1119	1000 D
4x70+2x35	0,443	205	32	1258	1000 D
3x95+2x16	0,320	250	35	1138	1000 D
3x95+25	0,320	250	35	1101	1000 D
3x95+70	0,320	250	42,3	1197	1000 D
3x95+70+16	0,320	250	42,3	1260	1000 D
3x95+70+2x16	0,320	250	42,3	1323	1000 D
3x95+54,6	0,320	250	42	1157	1000 D
3x95+54,6+16	0,320	250	42	1220	1000 D
3x95+54,6+2x16	0,320	250	42	1283	1000 D
4x95	0,320	250	37	1334	1000 D
4x95+16	0,320	250	37	1403	1000 D
4x95+25	0,320	250	37	1435	1000 D
4x95+2x25	0,320	250	37	1537	1000 D
4x95+35	0,320	250	37	1471	1000 D
4x95+2x35	0,320	250	37	1610	1000 D



CONSTRUCTION DATA OF POWER CABLES / AMKA					
Number of cores x nominal cross section	Max. conductor resistance	Current rating in the air ¹	Outer diameter	Total weight	Standard lengths / packig
(mm ²)	(Ω / km)	(A)	(mm) ca.	(kg/km) ca.	(m)
3x120+70	0,253	280	46,7	1424	1000 D
3x120+70+16	0,253	280	46,7	1487	1000 D
3x120+70+2x16	0,253	280	46,7	1550	1000 D
3x120+54,6	0,253	280	46,3	1384	1000 D
3x120+54,6+16	0,253	280	46,3	1447	1000 D
3x120+54,6+2x16	0,253	280	46,3	1510	1000 D
4x120	0,253	280	40	1633	1000 D
4x120+16	0,253	280	40	1703	1000 D
4x120+25	0,253	280	40	1735	1000 D
4x120+2x25	0,253	280	40	1834	1000 D
4x120+35	0,253	280	40	1771	1000 D
4x120+2x35	0,253	280	40	1907	1000 D

Subject to technical changes.

