



AERIAL BUNDLED CABLE

ABC CABLE



**POWER
KABEL**
CONECTAMOS SOLUCIONES
www.powerkabel.com.pe



947 005 000



(01)3202183



jorge.mallma@powerkabel.com.pe

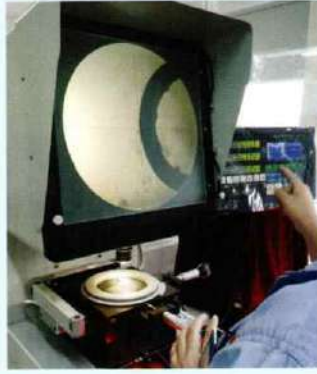


PRODUCTS SCOPE

- Overhead Aluminum Bare Conductor (AAC, AAAC, ACSR, ACAR, AACSR, ACSR/AW).
- Galvanized Steel Wire/Strand(GSW), Aluminum Clad Steel Wire/Strand(ACS).
- Aerial Bundled Cable 1kV-35kV(ABC overhead Cable, duplex, triplex, quadruplex service drop wire).
- PVC Insulated (Flexible) Wire and PVC Insulated and Sheathed (Armoured) Power Cable.
- Low, Medium, High Voltage (1kV-220kV) XLPE Insulated (Armoured) Power Cable.
- Rubber Cable, Welding Cable, Concentric Cable, Control Cable/Instrumental Cable.
- OPGW Cable, Fiber Optic Cable, Network Cable.



FACTORY SIGHT



ABC CABLE CAAI



Application

For low-cost electrical power secondary distribution networks, in urban and rural areas. They are installed both on posts and attached to walls, in both cases, with the appropriate accessories.

Construction

- 1- Wired aluminum conductor (class 2).
- 2- Insulation with cross-linked polyethylene (XLPE color-black, weather resistant, each phase identified by means of longitudinally extruded ribs).
- 3- Supporting core which can be made of aluminum alloy or galvanized steel. Additional public street lighting can be selected.

Denomination

CAAI Aluminum conductor with alloy support cable aluminum (the support conductor can be bare "ND" or insulated "NA")

CAAI-S Aluminum conductor, with support core galvanized steel protected with XLPE.

ND

NTP 370.254

Size mm ²	Insul. Thick. Phase mm	Overall cable Dia. mm	Weight kg/km	Max. conductor resistance at 20°C Ohm/km		inductive reactance at 60Hz Ohm/km		Tension Drop Factor V/A km	
				Phase	lighting	Phase	lighting	Phase	lighting
1×16+ND25	1,14	17	125	1,910	-	0,0943	-	3,491	-
2×16+ND25	1,14	17	190	1,910	-	0,0957	-	3,493	-
2×25+ND25	1,14	19	245	1,200	-	0,0873	-	2,223	-
2×35+ND25	1,14	20	305	0,868	-	0,0825	-	1,628	-
2×50+ND35	1,52	24	430	0,641	-	0,0832	-	1,225	-
2×70+ND50	1,52	28	600	0,443	-	0,0833	-	0,874	-
2×95+ND70	1,52	32	800	0,320	-	0,0807	-	0,652	-
2×120+ND70	2,03	35	960	0,253	-	0,0785	-	0,531	-
2×25+16+ND25	1,14	19	310	1,200	1,1910	0,0925	0,1093	2,229	3,507
2×35+16+ND25	1,14	20	370	0,868	1,1910	0,0862	0,1135	1,632	3,511
2×50+16+ND35	1,52	24	490	0,641	1,1910	0,0843	0,1242	1,227	3,523
2×70+16+ND50	1,52	28	660	0,443	1,1910	0,0822	0,1352	0,872	3,534
2×95+16+ND70	1,52	32	860	0,320	1,1910	0,0781	0,1436	0,649	3,543
2×120+16+ND70	2,03	35	1020	0,253	1,1910	0,0746	0,1487	0,526	3,548
3×16+ND25	1,14	17	250	1,910	-	0,1030	-	3,500	-
3×25+ND25	1,14	19	340	1,200	-	0,0950	-	2,231	-
3×35+ND25	1,14	20	420	0,868	-	0,0906	-	1,636	-
3×50+ND35	1,52	24	590	0,641	-	0,0912	-	1,234	-
3×70+ND50	1,52	28	830	0,443	-	0,0913	-	0,882	-
3×95+ND70	1,52	32	1100	0,320	-	0,0888	-	0,660	-
3×120+ND70	2,03	35	1350	0,253	-	0,0868	-	0,539	-
3×16+16+ND25	1,14	17	310	1,910	1,910	0,1095	0,1095	3,507	3,507
3×25+16+ND25	1,14	19	400	1,200	1,910	0,0995	0,1163	2,236	3,514
3×35+16+ND25	1,14	20	490	0,868	1,910	0,0935	0,1208	1,639	3,519
3×35+16+ND35	1,14	20	520	0,868	1,910	0,0935	0,1208	1,639	3,519
3×50+16+ND35	1,52	24	650	0,641	1,910	0,0925	0,1323	1,235	3,531
3×50+25+ND35	1,52	24	680	0,641	1,200	0,0925	0,0952	1,235	2,231
3×70+16+ND50	1,52	28	890	0,443	1,910	0,0910	0,1440	0,882	3,543
3×95+16+ND70	1,52	32	1170	0,320	1,910	0,0875	0,1529	0,659	3,552
3×120+16+DA70	2,03	35	1410	0,253	1,910	0,0841	0,1583	0,536	3,558

NA

NTP 370.254

Size	Insul. Thick. Phase	Overall cable Dia.	Weight	Max. conductor resistance at 20°C Ohm/km		inductive reactance at 60Hz Ohm/km		Tension Drop Factor V/A km	
				Phase	lighting	Phase	lighting	Phase	lighting
mm ²	mm	mm	kg/km	Phase	lighting	Phase	lighting	Phase	lighting
1×16+NA25	1,14	18	160	1,910	-	0,0943	-	3,491	-
2×16+NA25	1,14	18	220	1,910	-	0,0957	-	3,493	-
2×25+NA25	1,14	21	280	1,200	-	0,0873	-	2,223	-
2×35+NA25	1,14	22	340	0,868	-	0,0825	-	1,628	-
2×50+NA35	1,52	26	470	0,641	-	0,0832	-	1,225	-
2×70+NA50	1,52	30	660	0,443	-	0,0833	-	0,874	-
2×95+NA70	1,52	34	860	0,320	-	0,0807	-	0,652	-
2×120+NA70	2,03	38	1020	0,253	-	0,0785	-	0,531	-
2×25+16+NA25	1,14	21	340	1,200	1,1910	0,0925	0,1093	2,229	3,507
2×35+16+NA25	1,14	22	400	0,868	1,1910	0,0862	0,1135	1,632	3,511
2×50+16+NA35	1,52	26	530	0,641	1,1910	0,0843	0,1242	1,227	3,523
2×70+16+NA50	1,52	30	720	0,443	1,1910	0,0822	0,1352	0,872	3,534
2×95+16+NA70	1,52	34	920	0,320	1,1910	0,0781	0,1436	0,649	3,543
2×120+16+NA70	2,03	38	1080	0,253	1,1910	0,0746	0,1487	0,526	3,548
3×16+NA25	1,14	18	280	1,910	-	0,1030	-	3,500	-
3×25+NA25	1,14	21	370	1,200	-	0,0952	-	2,231	-
3×35+NA25	1,14	22	450	0,868	-	0,0906	-	1,636	-
3×50+NA35	1,52	26	630	0,641	-	0,0912	-	1,234	-
3×70+NA50	1,52	30	880	0,443	-	0,0913	-	0,882	-
3×95+NA70	1,52	34	1160	0,320	-	0,0888	-	0,660	-
3×120+NA70	2,03	38	1410	0,253	-	0,0868	-	0,539	-
3×16+16+NA25	1,14	18	340	1,910	1,910	0,1095	0,1095	3,507	3,507
3×25+16+NA25	1,14	21	430	1,200	1,910	0,0995	0,1163	2,236	3,514
3×35+16+NA25	1,14	22	520	0,868	1,910	0,0935	0,1208	1,639	3,519
3×35+16+NA35	1,14	22	560	0,868	1,910	0,0935	0,1208	1,639	3,519
3×50+16+NA35	1,52	26	690	0,641	1,910	0,0925	0,1323	1,235	3,531
3×50+25+NA35	1,52	26	720	0,641	1,200	0,0925	0,0952	1,235	2,231
3×70+16+NA50	1,52	30	950	0,443	1,910	0,0910	0,1440	0,882	3,543
3×95+16+NA70	1,52	34	1230	0,320	1,910	0,0875	0,1529	0,659	3,552
3×120+16+NA70	2,03	38	1470	0,253	1,910	0,0841	0,1583	0,536	3,558

POWER KABEL

CONECTAMOS SOLUCIONES

www.powerkabel.com.pe



947 005 000



(01)3202183



jorge.mallma@powerkabel.com.pe