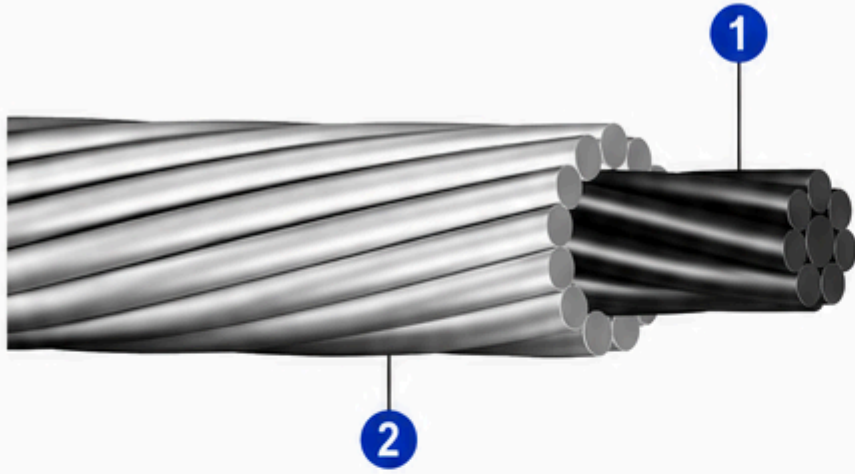


BARE ALUMINUM CABLE CA

(AACSR) – EXTRA HIGH STRENGTH



CONSTRUCTION

- 1 High mechanical strength galvanized steel core.
- 2 Bare aluminum wires 1350, H-19 temper, stranded over the steel core.

APPLICATION

The **BARE ALUMINUM CABLES** are normally used as overhead ground wires (shield wires) in power transmission lines.

PACKAGING

Normally supplied on wooden reels.

STANDARDS

NBR-7270 – Aluminum conductors steel reinforced for overhead lines.

BARE ALUMINUM CABLE CA (AACSR)

Code	AWG or MCM	Stranding: No. of Wires x Nominal Diameter (mm)		External Diameter Nominal (mm)	Net Weight Nominal (kg/km)			Breaking Load (kN)	Current Capacity	Max Electrical Resistance at 20°C (Ohm/km)
		Aluminum	Steel		Aluminum	Steel	Total			
Petrel	101,8	12 x 2,34	7 x 2,34	11,70	143,0	235,3	378,3	46,15	-	0,56166
Minorca	110,8	12 x 2,44	7 x 2,44	12,20	155,5	255,9	411,4	50,18	-	0,51604
Leghorn	134,6	12 x 2,69	7 x 2,69	13,45	189,0	311,2	500,2	60,69	-	0,42479
Guinea	159,0	12 x 2,92	7 x 2,92	14,60	222,6	366,2	588,8	71,06	-	0,35961
Dotterel	176,9	12 x 3,08	7 x 3,08	15,40	247,7	408,1	655,8	76,72	-	0,32319
Dorking	190,8	12 x 3,20	7 x 3,20	16,00	267,4	440,1	707,5	82,76	-	0,29965
Cochin	211,3	12 x 3,37	7 x 3,37	16,85	296,5	488,7	785,2	91,86	-	0,27060