



MEDIUM VOLTAGE AERIAL BUNCHED CABLE

AB CABLE 11 KV & 22 KV FROM 50 SQMM TO 300 SQMM

XLPE/Black HDPE insulated aluminum conductors are laid together (twisted) around aluminum alloy/ ACSR conductor insulated or bare messenger wire to form the Aerial Bunched Cable. Optional features with neutral & street lighting conductor if and when required.

ADVANTAGES OF AVOCAB HT AB CABLE



- Fewer chances of short circuits caused by external forces like wind and fallen branches, unless they abrade the insulation.
- Can stand proximity to trees/buildings and not generate sparks if touched.
- Tree clearance can be avoided due to the reduction in pole height.
- It is simple to install as crossbars and insulators are not required.
- Ease of erection and stringing, less labor-intensive and fewer construction resources needed.
- Aesthetically appealing.
- Can be installed in a narrower right-of-way.
- At junction poles insulation of bridging wires are needed to connect non-insulated wires. ABC can dispense with one of these splices.
- Less risk of a neutral-only break from tree or vehicle damage, increasing safety with TNCs systems.
- Better safety for linesperson, particularly when working on live conductors.
- More or less maintenance-free.
- The theft of power possibility is reduced as unauthorized tapping of power cannot be done without removing the insulation.
- Much safer than bare conductors as insulated conductors prevent accidental contact and supply can be maintained temporarily even if a suspension system collapse.

CHANDRESH CABLES LIMITED

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