

LV ABC

LV-Aerial Bundled Conductor System is an effective solution offered by Raychem which prevents theft by direct tapping, the most basic method of stealing electricity.

Raychem was one of the first to pioneer the connection, anchoring and suspension of low-voltage insulated overhead systems. Our continuous efforts in research and development have led to state of the art product lines, meeting the demands of modern network design, operation and maintenance. Our piercing connector service lines can be connected to live lines with maximum safety to linemen.



The major advantages of LV ABC are

- Total elimination of faults on LT lines
- Improved reliability
- Avoidance of theft by direct tapping
- Avoidance of overloading of Distribution transformers



Applications

- Distribution Networks (ABC or similar)
- Taps using insulated or anti-theft cables
- Areas with high level of energy loss
- Street lighting connections

Distribution Boxes

Solutions for Anti-theft system in overhead networks –

Distribution Boxes are installed where multiple tapping on low voltage distribution network is required, the boxes are assembled on the pole using metal straps or bolts and are easily fed from secondary line.

Advantages

- Distribution Boxes minimize unauthorised consumer access at the connection point
- The boxes give a well-organised appearance to the connection point and improve service quality
- Enhances organisation and provide the ability to balance taps from the branch connections when using coaxial or anti-theft cables
- Simplifies wire connections for improved reliability, hot points are eliminated and energy losses are minimised
- The modular system allows Distribution Boxes to be equipped with the correct number and type of busbars for each individual application