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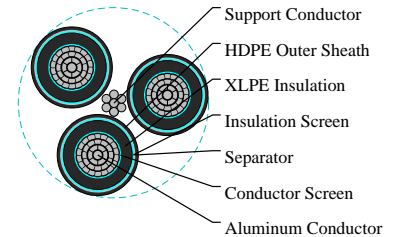
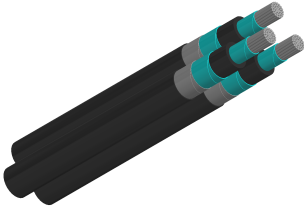
Aluminium Conductor Cables

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MV Aerial Bundled Conductor (ABC) Cables

IEC 60502 19/33 kV ABC for Overhead Distribution Lines 3C185+1C70



APPLICATIONS

Aerial bundled cables are mainly used for secondary overhead lines on poles or as feeders to residential premises.

STANDARDS

AS/NZS 3599-1

CABLE CONSTRUCTION

Phase Conductor: Circular compacted stranded H68 aluminium to BS2627.

Conductor Screen: Extruded semi-conductive layer.

Insulation: XLPE.

Insulation Screen: Extruded semi-conductive layer.

Separator: Semi-conductive swellable tape.

Outer Sheath: HDPE.

Support Conductor: Galvanized steel wires.

Assembly: Three XLPE insulated screened cores are bundled around the galvanized steel wires in a right hand lay.

DIMENSION AND PARAMETERS

| No. of Cores × Cross-sectional Area | Nominal Cross-sectional Area | No./Nominal Diameter of Strands | Max. Conductor Resistance | Messenger Suspension Unit Stranding | Messenger Suspension Unit Bca]bU GYW]cbU 5fYU | Messenger Suspension Unit 6fYU_]b[@cUX | 7 cb]bi ci g WffYbh fU]b[Uh' \$\$7 Ua V]Ybh H'a d |
|---|---------------------------------|---------------------------------------|---------------------------------|--|---|---|---|
| No.×mm ² | mm ² | no./mm | Ω/km | No.×mm | mm ² | kN | A |
| 3x185+1x70 | 185 | 37/2.52 | 0.164 | 7/3.57 | 70 | 91 | 355 |