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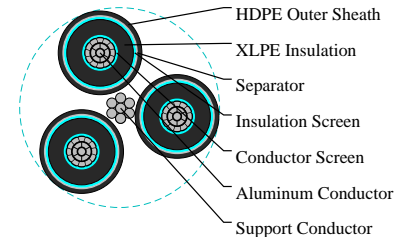
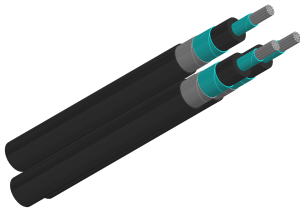
Aluminium Conductor Cables

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MV Aerial Bundled Conductor (ABC) Cables

IEC 60502 6.35/11 kV ABC for Overhead Distribution Lines 3C50+1C25



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 GYWcbU 5fYU	Messenger Suspension Unit 6fYU_]b[@cUX	7 cbh]bi ci g W ffYbh fU]b[Uh' \$\$7 Ua V]Ybh tYa d
No. × mm ²	mm ²	no./mm	Ω/km	No. × mm	'a a ‡	kN	A
3x50+1x25	50	19/1.78	0.641	7/3	25	60	116