

Aluminum Single Layer Covered Cable 15 kV – Maxlink SC

Conductor

Formed by bare aluminum wires, alloy 1350, temper H19, stranding class 2, round compact

Conductor Water Blocking

Water Blocking Tape

Sheath

XLPE 90 °C - Anti-tracking cross-linked polyethylene compound, in gray or black, with protection against UV rays

Maximum Operational Temperatures

- 90°C in continuous operation
- 130°C in overload
- 250°C in short-circuit

Application

Used in the installation of compact 15kV networks, in areas Where space is limited and less visual pollution is required, such as: tree-lined streets or squares, offering a smaller number of tree prunings and greater protection for the conductor

Applicable Standards

- ICEA S-121-733: Standard for Aerial Distribution Cables, 600 Volts and Below, with Covered Conductors and Messenger Support
- ASTM B230: Standard Specification for Aluminum 1350–H19 Wire for Electrical Purposes
- ASTM B231: Standard Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors

Dimensional Datasheet

Size (AWG or Kcmil)	Stranding	Cover Thickness (mils)	Cable O.D. (mils)
4	7	150	525
2	7	150	583
1	19	150	622
1/0	19	150	662
2/0	19	150	705
3/0	19	150	756
4/0	19	150	812
266.8	19	150	874
300	37	150	911
336.4	37	150	947
350	37	150	961
477	37	150	1071
500	37	150	1090