

8000 Series Aluminium Alloy Conductor SER Service Entrance Cable



Construction: The stranded compacted 8000 series aluminium alloy conductor is insulated with XLPE. Two, three or four insulated conductors and a bare ground conductor are cabled together and covered with a fiberglass reinforced polyester tape binder and oversheathed with grey sunlight resistant PVC.



Application: Aluminium SER Service Entrance Cable is primarily used as panel feeder in multiple unit dwellings and other branch circuits.



Rated Voltage: 600V.



Operating Temperature: Max permissible continuous operating temperature of conductor shall not exceed 90°C.



Standard: ASTM B800, ASTM B801, UL 44, UL 854 or other standards required by customers.



Packing: Steel/wooden reel, wooden reel or steel reel.



Aluminium SER Service Entrance Cable

| Insulated Conductor* | Bare Conductor | Approx. Overall Diameter | Insulated Conductor* | Bare Conductor | Approx. Overall Diameter |
|----------------------|----------------|--------------------------|----------------------|----------------|--------------------------|
| No. of Cores ×AWG | No. of Strands | inch | No. of Cores ×AWG | No. of Strands | inch |
| 2×8 | 1×8 | 0.559 | 3×4 | 1×6 | 0.776 |
| 2×6 | 1×6 | 0.630 | 3×2 | 1×4 | 0.902 |
| 2×4 | 1×6 | 0.720 | 3×1 | 1×3 | 1.020 |
| 2×2 | 1×4 | 0.831 | 3×1/0 | 1×2 | 1.106 |
| 2×1 | 1×3 | 0.937 | 3×2/0 | 1×1 | 1.197 |
| 2×1/0 | 1×2 | 1.016 | 3×3/0 | 1×1/0 | 1.307 |
| 2×2/0 | 1×1 | 1.094 | 3×4/0 | 1×2/0 | 1.421 |
| 2×3/0 | 1×1/0 | 1.189 | 4×2 | 1×4 | 1.043 |
| 2×4/0 | 1×2/0 | 1.291 | 4×2/0 | 1×1 | 1.398 |
| 3×8 | 1×8 | 0.606 | 4×4/0 | 1×2/0 | 1.673 |
| 3×6 | 1×6 | 0.689 | | | |

* Individual conductors rated XHHW-2

Coloured insulation identification 2-core: black and white. 3-core: black, white and red. 4-core: black, white, red and blue.