

TYPE SER 600V

ALUMINUM SERVICE ENTRANCE CABLE (STYLE SER)

- 600 V
- 90 °C Wet or Dry
- 8 AWG - 250 MCM



APPLICATIONS:

Aluminum (8000-series) service entrance cable to convey power from the service drop or meter base to the distribution panelboard, and in all applications where Type SE cable is permitted. For wet or dry locations to 90°C. Individual conductors rated XHHW-2 or THHN/THWN. Not permitted underground per NEC 338.12(A)(2).

- 1 Conductor: Class B compact stranded 8000-series aluminum per ASTM B800 / B801.
- 2 Insulation: XLPE (XHHW-2) or PVC with nylon sheath (THHN/THWN) on all phases.
- 3 Neutral: Insulated bare soft-annealed neutral.
- 4 Ground: Bare soft-annealed ground.
- 5 Jacket: Gray PVC jacket. Sunlight resistant.

STANDARDS & RATINGS:

- UL 44 / UL 83 - Insulated Conductors
- UL 854 - Service Entrance Cable
- ASTM B800 / B801 Aluminum
- NEC (NFPA 70)
- 600 Volt, Sunlight Resistant

Part Number	Conductor Size (AWG/MCM)	No. of Conductors	Neutral Size (AWG)	Ground Size (AWG)	Nominal O.D. (in)	Approx Weight (lbs/1M FT)
01SER-0803-AL-01	8	3	8	8	0.542"	134
01SER-0602-AL-01	6	2	6	6	0.599"	144
01SER-0603-AL-01	6	3	6	6	0.651"	187
01SER-0402-AL-01	4	2	6	6	0.738"	190
01SER-0403-AL-01	4	3	6	6	0.757"	253
01SER-0203-AL-01	2	3	4	4	0.895"	361
01SER-0204-AL-01	2	4	4	4	1.054"	459
01SER-0103-AL-01	1	3	3	3	1.078"	460
01SER-10103-AL-01	1/0	3	2	2	1.182"	557
01SER-20203-AL-01	2/0	3	1	1	1.279"	670
01SER-20204-AL-01	2/0	4	1	1	1.421"	847
01SER-30303-AL-01	3/0	3	1/0	1/0	1.392"	812
01SER-40402-AL-01	4/0	2	2/0	2/0	1.366"	725
01SER-40403-AL-01	4/0	3	2/0	2/0	1.518"	987
01SER-40404-AL-01	4/0	4	2/0	2/0	1.688"	1251
01SER-25003-AL-01	250	3	3/0	3/0	1.670"	1177
01SER-25004-AL-01	250	4	3/0	3/0	1.859"	1491