

Quadruplex Neutral Supported Cable

Conductor Three compact aluminum conductors insulated with Linear Low-Density Polyethylene (LLDPE), twisted around a bare compact ACSR stranded neutral conductor (Class A smooth body compact 1350-H19 (full hard) aluminum), which serves as a supporting neutral.



Temperature -40°C to 75°C

Insulation Linear low-density polyethylene (LLDPE)

Voltage 600V

Application Intended to deliver three phase power from the secondary overhead power line or pole-mounted transformer to the service entrance conductors at the user's building or other structure. May also be used as pole line secondary with service splices at the pole (also refer to CEC rule 12-318).

Approvals CSA C22.2 No. 129 and CAN/USA C61089 standards, as applicable.

Full Neutral

| Product Code | Phase Conductor | | | | ACSR Compact Bare Neutral (4) | | | | Overall | | |
|--------------|-----------------|------------------|----------|--------------|-------------------------------|--------------|-----------------------|----------|-------------------|------------------------|----------|
| | AWG Size | No. of Wires (1) | Cond. OD | Nom. Ins. OD | AWG Size | No. of Wires | Rated Strength kN (2) | Cond. OD | Effective OD (mm) | Approx. Weight (kg/km) | Amps (3) |
| 24A0604 | 6 | 7 | 4.29 | 6.63 | 6 | 6/1 | 5.18 | 5.03 | 15 | 224 | 85 |
| 24A0404 | 4 | 7 | 5.41 | 7.75 | 4 | 6/1 | 8.14 | 6.35 | 18 | 335 | 110 |
| 24A0204 | 2 | 7 | 6.81 | 9.14 | 2 | 6/1 | 12.4 | 8.11 | 21 | 507 | 150 |
| 24A04 | 1/0 | 7 | 8.53 | 11.6 | 1/0 | 6/1 | 18.9 | 10.1 | 27 | 803 | 200 |
| 24A004 | 2/0 | 7 | 9.65 | 12.6 | 2/0 | 6/1 | 23.5 | 11.5 | 30 | 991 | 230 |
| 24A0004 | 3/0 | 7 | 10.7 | 13.8 | 3/0 | 6/1 | 29.6 | 12.8 | 33 | 1224 | 265 |
| 24A00004 | 4/0 | 7 | 12.1 | 15.2 | 4/0 | 6/1 | 37.3 | 14.3 | 36 | 1519 | 305 |

(1) For compact stranded constructions, the number of wires may be reduced as follows:

19-Wire Constructions - 18 Wires Minimum

37-Wire Constructions - 3 Wires Minimum

(2) Rated strengths are based on Can/USA C49.2 standard calculation method.

(3) Ampacity rating is per 2015 CEC Table 36A, at 30°C ambient, with sun-radiated heat energy of 1025 W/m², a wind speed of 0.6 m/s, and maximum conductor temperature of 75°C.

(4) ACSR neutral conductors 266.8 kcmil and larger are concentric round conductors per CAN/CSA C81089.

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