

# Service Drop Copper

## Ampacity Data



A Viakable Company

## Service Drop 2PLX, 3PLX and 4PLX

Conductor Size AWG/kcmil	Ampacity	
	75 °C (167 °F)	90 °C (194 °F)
8	57	66
6	76	89
4	101	117
3	118	138
2	135	158
1	158	185
1/0	183	214
2/0	212	247
3/0	245	287
4/0	287	335
250	320	374
300	359	419
350	397	464
400	430	503
500	496	580
600	553	647
700	610	714
750	638	747
800	660	773
900	704	826
1000	748	879

NEC Table 310.15(B)(20) (formerly Table 310.20) Ampacities of Not More Than Three Single Insulated Conductors, Rated Up to and Including 2000 volts, Supported on a Messenger, Based on Ambient Air Temperature of 40 °C (104 °F).

# Covered Line Wire Copper

## Ampacity Data

## Covered Line Wire

Conductor Size AWG/kcmil	Ampacity
8	103
6	130
4	163
2	219
1/0	297
2/0	344
3/0	401
4/0	466
250	519
300	584
500	812
750	1050
1000	1253

NEC Table 310.15(B)(21) (formerly Table 310.21) Ampacities of Bare or Covered Conductors in Free Air, Based on 40 °C (104 °F) Ambient, 80 °C (176 °F) Total Conductor Temperature, 610 mm/s (2 ft/s) Wind Velocity.