



Bare Copper Solid or Compressed



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- Conductor:** Solid bare copper solid per ASTM B or Class A, B, or C compressed stranded bare copper per ASTM B3 and B8

SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B8 Concentric-Lay-Stranded Copper Conductors

Table 1 – Physical and Electrical Data

| Cond. Size | Strand Class | Strand Count | Cond. Cmil | Cond. Number | Diameter Over Conductor | Approx. OD | Approx. Weight | DC Resistance @ 25°C | AC Resistance @ 75°C | Rated Strength |
|------------|--------------|----------------|------------|--------------|-------------------------|------------|----------------|----------------------|----------------------|----------------|
| AWG/kcmil | | No. of Strands | cmil | No. | inch | inch | lb/1000ft | Ω/1000ft | Ω/1000ft | lb |
| 1 | Solid | Solid | 83690 | 1 | 0.289 | 0.289 | 258 | 0.128 | 0.154 | 669 |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.