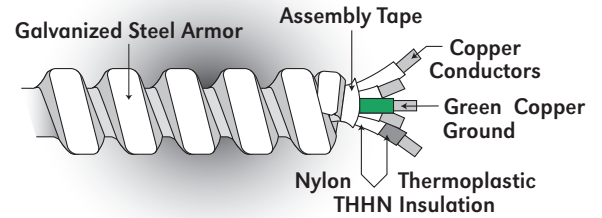


Super Neutral Cable®/Neutral per Phase or Oversized Neutral – Traditional Type MC Technical Specifications

Specification Description

| Specification | Super Neutral Cable® |
|----------------------------|--|
| Armor | Galvanized Interlocking Steel* Strip |
| Conductors | Solid (8 AWG stranded) |
| Conductor Insulation | THHN/THWN |
| Assembly Covering | Polypropylene Tape |
| Maximum Temperature Rating | 90°C (dry) |
| Grounding | One or more grounding conductors insulated green, see chart below |
| Neutral Conductors | Neutral per phase or oversized neutral configurations, white/white with phase stripe |
| Maximum Voltage Rating | 600V |



References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 392, 396.10(A), 330, 501, 502, 503, 530, 504, 505, 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R-14141
- Environmental Air Handling Spaces per NEC® 300.22(C)
- Conductors must be derated per NEC® Table 310.15(B)(3)(a)
- Made in USA of US and/or imported materials



Product Codes, Trade Sizes, Conductors, Packaging & Weights

| 250' Coil | Product Code | | | Phase Conductor AWG | Neutral Conductor AWG | Grounding Conductor AWG | Approx. Weight/1000 Feet (lbs.) | Armor Minimum O.D. (inches) |
|---------------------------------|--------------|------------|------------|---------------------|-----------------------|-------------------------|---------------------------------|-----------------------------|
| | 500' Reel | 750' Reel | 1000' Reel | | | | | |
| Oversize Neutral Design | | | | | | | | |
| 2908-42-00 | 2908-45-00 | 2908-47-00 | 2908-60-00 | 12-1 Solid(a) | 10-1(f) | 12-1(k) | 220 | 0.510 |
| 2909-42-00 | 2909-45-00 | 2909-47-00 | 2909-60-00 | 12-2 Solid(b) | 10-1(f) | 12-1(k) | 260 | 0.540 |
| 2910-42-00 | 2910-45-00 | 2910-47-00 | 2910-60-00 | 12-3 Solid(c) | 10-1(f) | 12-1(k) | 315 | 0.580 |
| 2907-42-00 | 2907-45-00 | 2907-47-00 | 2907-60-00 | 12-3 Solid(c) | 10-1(f) | 12-2(l) | 345 | 0.590 |
| 2905-42-00 | 2905-45-00 | 2905-47-00 | 2905-60-00 | 12-3 Solid(c) | 8-1(f) | 12-1(k) | 345 | 0.595 |
| 2918-42-00 | 2918-45-00 | 2918-47-00 | 2918-60-00 | 12-4 Solid(e) | 10-2(g) | 12-2(l) | 435 | 0.660 |
| 2913-42-00 | 2913-45-00 | 2913-47-00 | 2913-60-00 | 10-3 Solid(c) | 6-1(f) | 10-1(k) | 485 | 0.720 |
| 2970-42-00 | 2970-45-00 | 2970-47-00 | 2970-60-00 | 10-4 Solid(e) | 8-2(g) | 10-2(l) | 628 | 0.800 |
| Neutral Per Phase Design | | | | | | | | |
| 2916-42-00 | 2916-45-00 | 2916-47-00 | 2916-60-00 | 12-2 Solid(b) | 12-2(h) | 12-2(l) | 335 | 0.580 |
| 2911-42-00 | 2911-45-00 | 2911-47-00 | 2911-60-00 | 12-3 Solid(c) | 12-3(i) | 12-2(l) | 385 | 0.620 |
| 2960-42-00 | 2960-45-00 | 2960-47-00 | 2960-60-00 | 12-4 Solid(d) | 12-3(j) | 12-2(l) | 420 | 0.659 |
| 2965-42-00 | 2965-45-00 | 2965-47-00 | 2965-60-00 | 10-2 Solid(b) | 10-2(h) | 10-2(l) | 450 | 0.670 |
| 2912-42-00 | 2912-45-00 | 2912-47-00 | 2912-60-00 | 10-3 Solid(c) | 10-3(i) | 10-2(l) | 545 | 0.720 |

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.
 * Aluminum available by special order and subject to lead times and minimum quantities.

Super Neutral Cables are also available with application-specific combinations of circuit, neutral and grounding conductors.

- (a) black
- (b) black/red
- (c) black/red/blue
- (d) black/red/pink/tan
- (e) black/red/blue/pink
- (f) white
- (g) white/white with black stripe
- (h) white with black stripe/white with red stripe
- (i) white with black stripe/white with red stripe/white with blue stripe
- (j) white/white with pink stripe/white with tan stripe
- (k) green
- (l) green/green with yellow stripe