



Conductor:
Bare solid soft drawn copper.

Insulation:
Thermoplastic high heat resistant nylon coated (THHN) / Thermoplastic heat and water resistant nylon coated (THWN)

Equipment Ground Conductor/Bonding Conductor: One aluminum conductor in intimate contact with armour along its entirety.

Armor:
Aluminum interlocked armour

Color Coding:
2 Conductor Black, White
3 Conductor Black, White, Red
4 Conductor Black, White, Red, Blue

Standard low and high voltage colors available

Binder Tape:
Printed Polypropylene

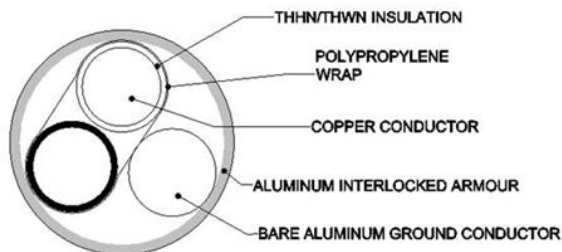
UL listing:
E189204

Applications:
For concealed wiring in dry locations
For exposed wiring in dry locations.
For branch circuits in commercial, industrial, multi-residential buildings, and places of assembly.
For power and lighting circuits.
For use in cable trays in dry locations.
For use in any raceway.
When embedded in plaster finish on brick or other masonry, except in damp or wet locations.
For use when run or fished in the air voids of masonry block or tile walls where such walls are not exposed or subject to excessive moisture or dampness.

Features:
Rated at 90°C dry
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit

Compliances:
Industry compliances: UL 1569 and UL 2556
Gasoline and oil resistance II
UL trough penetration fire stop systems: C-AJ-3147, C-AJ-3148, C-AJ-3149, FC-3041, FC-3042, WJ-3041, WL 3123, WL-3125, WL-3126, WL-3127, WL 3128

(3 conductor shown)



| PART NO. | NO OF COND. | COND. SIZE (AWG) | AL GROUND WIRE SIZE (AWG) | MIN. AVG. INSULATION THICKNESS | NOMINAL DIAMETER (OVER) | | WEIGHT |
|----------|-------------|------------------|---------------------------|--------------------------------|-------------------------|--------|------------|
| | | | | | TWISTED CORE | ARMOR | |
| | | | | INCHES | INCHES | INCHES | LBS/ 1000' |
| 802754 | 2 | 14 | 12 | 0.020 | 0.226 | 0.405 | 68 |
| 802755 | 3 | 14 | 12 | 0.020 | 0.234 | 0.413 | 84 |
| 802756 | 4 | 14 | 12 | 0.020 | 0.261 | 0.440 | 108 |

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

MC (Aluminum Bare Ground) – COPPER CONDUCTOR

SIZES #14, #12, #10 AWG SOLID

March 2021

THHN/THWN AIA ARMORED

600 V (UL) 2 TO 4 CONDUCTOR CONSTRUCTION

| PART NO. | NO OF COND. | COND. SIZE (AWG) | AL GROUND WIRE SIZE (AWG) | MIN. AVG. INSULATION THICKNESS | NOMINAL DIAMETER (OVER) | | WEIGHT |
|----------|-------------|------------------|---------------------------|--------------------------------|-------------------------|--------|--------|
| | | | | | TWISTED CORE | ARMOR | |
| | | | | | INCHES | INCHES | INCHES |
| 802757 | 2 | 12 | 10 | 0.020 | 0.260 | 0.439 | 93 |
| 802758 | 3 | 12 | 10 | 0.020 | 0.271 | 0.450 | 111 |
| 802759 | 4 | 12 | 10 | 0.020 | 0.301 | 0.480 | 137 |

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| PART NO. | NO OF COND. | COND. SIZE (AWG) | GROUND WIRE SIZE (AWG) | MIN. AVG. INSULATION THICKNESS | NOMINAL DIAMETER (OVER) | | WEIGHT |
|----------|-------------|------------------|------------------------|--------------------------------|-------------------------|--------|--------|
| | | | | | TWISTED CORE | ARMOR | |
| | | | | | INCHES | INCHES | INCHES |
| 802760 | 2 | 10 | 8 | 0.025 | 0.322 | 0.501 | 135 |
| 802761 | 3 | 10 | 8 | 0.025 | 0.406 | 0.585 | 180 |
| 802762 | 4 | 10 | 8 | 0.025 | 0.437 | 0.647 | 216 |

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