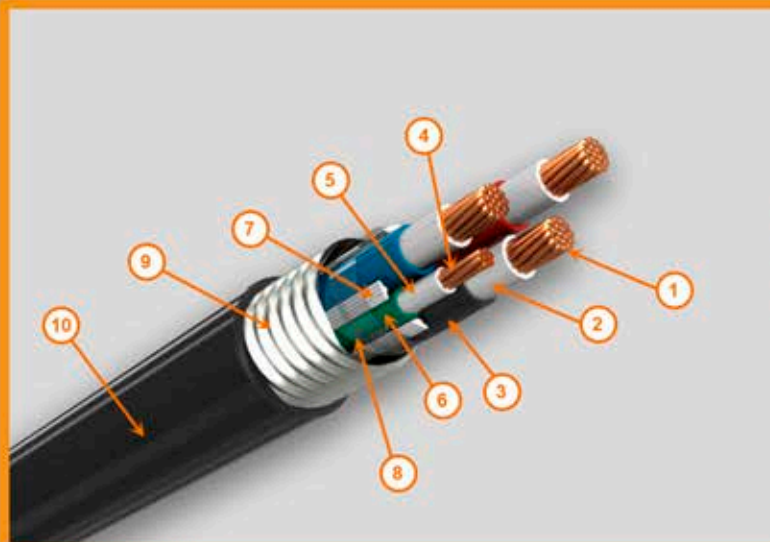


**CABLE TYPE MC RHH/RHW, EP+CPE INSULATION 90 °C 600 V,
COPPER CONDUCTORS, ALUMINUM INTELCKED ARMOR AND PVC JACKET**



Description:

- 1- Stranded soft copper class B conductor.
- 2- Ethylene-propylene (EP) insulation, natural color.
- 3- Chlorinated polyethylene (CPE) insulation in different colors: black, red and blue.
- 4- Stranded soft copper class B conductor.
- 5- Ethylene-propylene (EP) insulation, natural color.
- 6- Chlorinated polyethylene (CPE) insulation in green color.
- 7- Non hygroscopic filling.
- 8- Non hygroscopic tape.
- 9- Aluminum interlocked armor.
- 10- Polyvinyl chloride (PVC) jacket in black color.

Applications:

- Branch circuits
- Electric power distribution
- Feeders
- Service

Features:

- -----
- Excellent tensile strength properties
- Excellent abrasion resistance
- Excellent crushing resistance
- Excellent dimensional stability
- Excellent mechanical resistance
- Excellent outdoor resistance
- Excellent resistance to flame propagation
- Excellent resistance to impact
- Excellent resistance to mechanical abuse
- Excellent sunlight resistance
- Flexible Armor
- Good acid resistance
- Good alkalis resistance
- Good atmospheric pollution resistance
- Good chemical solvents resistance
- Good chemical substance resistance
- Good gasoline resistance
- Good grease resistance
- Good hydrocarbon resistance
- Good moisture resistance
- Good oil resistance
- Low water absorption

Special features:

- • Industrial installations where maximum security is required, in locations classified as hazardous (Class I Division 2, Class II Division 2, and Class III Division 1 and 2, according to norm NOM-001-SEDE).
- • Easy and quick installation, avoids the use of conduit.

- • Thanks to its external jacket, it can be installed directly buried or in moist locations.

Standard:

- NMX-J-451-UL-1569

Voltage:

- 600 V

Temperature:

- Normal 90°C
- Overload 130°C
- Short circuit 250°C

Installation type:

- Cable trays
- Directly buried
- Installation on walls or structures
- Trench
- Underground electrical ducts

Insulation:

- Combined insulation Ethylene-Propylene and Chlorinated Polyethylene (EP-CPE)

Jacket:

- Polyvinyl chloride (PVC)

Quality System Certification:

- ISO 9001:2015 Quality System certified by Bureau Veritas

Order additional information:

- ArmanelT.M. type MC Cable with soft copper conductors, EP-CPE insulation type RHH/RHW 90 °C, 600 V, number of conductors, size, aluminum interlocked armor, PVC external jacket, number of product, cable length per reel and total order length.

**CABLE TYPE MC RHH/RHW, EP+CPE INSULATION 90 °C 600 V,
COPPER CONDUCTORS, ALUMINUM INTELLOCKED ARMOR AND PVC JACKET**



| Number of Product | Size (AWG/kcmil) | Total Cross Section Area (mm2) | Number of Conductors | Conductor Number of Wires | Nominal Conductor Diameter (in) | Nominal Insulation thickness, the first layer (mils) | Nominal Insulation thickness, the second layer (mils) | Nominal Diameter Over Insulation (in) | Number of grounding conductors | Grounding Conductor Size (AWG-kcmil) | Grounding Conductor Area (mm2) | Nominal Diameter Under Armor (in) | Nominal Diameter Over Armor (in) | Nominal Overall Diameter (in) | Nominal cable weight (lb/1000ft) | Packaging | Length | Color |
|-------------------|------------------|--------------------------------|----------------------|---------------------------|---------------------------------|--|---|---------------------------------------|--------------------------------|--------------------------------------|--------------------------------|-----------------------------------|----------------------------------|-------------------------------|----------------------------------|-----------|--------|-------|
| 1401140E4A | 14 | 2.08 | 2 | 7 | 0.07 | 29.92 | 29.92 | 0.20 | 1 | 14 | 2.08 | 0.43 | 0.61 | 0.71 | 246 | CARRETE | * | NEGRO |
| 1401140HCA | 14 | 2.08 | 3 | 7 | 0.07 | 29.92 | 29.92 | 0.20 | 1 | 14 | 2.08 | 0.48 | 0.66 | 0.76 | 292 | CARRETE | * | NEGRO |
| 1401140CUA | 14 | 2.08 | 4 | 7 | 0.07 | 29.92 | 29.92 | 0.20 | 1 | 14 | 2.08 | 0.54 | 0.71 | 0.82 | 340 | CARRETE | * | NEGRO |
| 1401140E5A | 12 | 3.31 | 2 | 7 | 0.09 | 29.92 | 29.92 | 0.21 | 1 | 12 | 3.31 | 0.47 | 0.65 | 0.75 | 287 | CARRETE | * | NEGRO |
| 1401140FPA | 12 | 3.31 | 3 | 7 | 0.09 | 29.92 | 29.92 | 0.21 | 1 | 12 | 3.31 | 0.53 | 0.70 | 0.81 | 344 | CARRETE | * | NEGRO |
| 1401140CVA | 12 | 3.31 | 4 | 7 | 0.09 | 29.92 | 29.92 | 0.21 | 1 | 12 | 3.31 | 0.59 | 0.76 | 0.87 | 403 | CARRETE | * | NEGRO |
| 1401140E6A | 10 | 5.26 | 2 | 7 | 0.11 | 29.92 | 29.92 | 0.24 | 1 | 10 | 5.26 | 0.52 | 0.70 | 0.80 | 347 | CARRETE | * | NEGRO |
| 1401140FOA | 10 | 5.26 | 3 | 7 | 0.11 | 29.92 | 29.92 | 0.24 | 1 | 10 | 5.26 | 0.58 | 0.76 | 0.86 | 420 | CARRETE | * | NEGRO |
| 1401140CWA | 10 | 5.26 | 4 | 7 | 0.11 | 29.92 | 29.92 | 0.24 | 1 | 10 | 5.26 | 0.65 | 0.83 | 0.93 | 497 | CARRETE | * | NEGRO |
| 1401140E7A | 8 | 8.37 | 2 | 7 | 0.14 | 44.88 | 29.92 | 0.30 | 1 | 10 | 5.26 | 0.61 | 0.79 | 0.89 | 435 | CARRETE | * | NEGRO |
| 1401140GBA | 8 | 8.37 | 3 | 7 | 0.14 | 44.88 | 29.92 | 0.30 | 1 | 10 | 5.26 | 0.69 | 0.87 | 0.97 | 547 | CARRETE | * | NEGRO |
| 1401140CXA | 8 | 8.37 | 4 | 7 | 0.14 | 44.88 | 29.92 | 0.30 | 1 | 10 | 5.26 | 0.78 | 0.96 | 1.06 | 660 | CARRETE | * | NEGRO |
| 1401140E8A | 6 | 13.30 | 2 | 7 | 0.18 | 44.88 | 29.92 | 0.34 | 1 | 8 | 8.37 | 0.72 | 0.89 | 1.00 | 570 | CARRETE | * | NEGRO |
| 1401140FUA | 6 | 13.30 | 3 | 7 | 0.18 | 44.88 | 29.92 | 0.34 | 1 | 8 | 8.37 | 0.81 | 1.01 | 1.12 | 752 | CARRETE | * | NEGRO |
| 1401140CDA | 6 | 13.30 | 4 | 7 | 0.18 | 44.88 | 29.92 | 0.34 | 1 | 8 | 8.37 | 0.91 | 1.11 | 1.22 | 907 | CARRETE | * | NEGRO |
| 1401140E9A | 4 | 21.15 | 2 | 7 | 0.23 | 44.88 | 29.92 | 0.39 | 1 | 8 | 8.37 | 0.79 | 0.97 | 1.07 | 702 | CARRETE | * | NEGRO |
| 1401140FVA | 4 | 21.15 | 3 | 7 | 0.23 | 44.88 | 29.92 | 0.39 | 1 | 8 | 8.37 | 0.90 | 1.10 | 1.21 | 941 | CARRETE | * | NEGRO |
| 1401140CEA | 4 | 21.15 | 4 | 7 | 0.23 | 44.88 | 29.92 | 0.39 | 1 | 8 | 8.37 | 1.01 | 1.22 | 1.32 | 1 161 | CARRETE | * | NEGRO |
| 1401140EAA | 2 | 33.62 | 2 | 7 | 0.28 | 44.88 | 29.92 | 0.45 | 1 | 6 | 13.30 | 0.91 | 1.11 | 1.22 | 973 | CARRETE | * | NEGRO |
| 1401140FWA | 2 | 33.62 | 3 | 7 | 0.28 | 44.88 | 29.92 | 0.45 | 1 | 6 | 13.30 | 1.03 | 1.23 | 1.34 | 1 278 | CARRETE | * | NEGRO |
| 1401140CFA | 2 | 33.62 | 4 | 7 | 0.28 | 44.88 | 29.92 | 0.45 | 1 | 6 | 13.30 | 1.16 | 1.36 | 1.47 | 1 584 | CARRETE | * | NEGRO |
| 1401140ECA | 1/0 | 53.50 | 2 | 19 | 0.36 | 55.12 | 44.88 | 0.57 | 1 | 6 | 13.30 | 1.15 | 1.36 | 1.46 | 1 372 | CARRETE | * | NEGRO |
| 1401140FSA | 1/0 | 53.50 | 3 | 19 | 0.36 | 55.12 | 44.88 | 0.57 | 1 | 6 | 13.30 | 1.27 | 1.47 | 1.58 | 1 839 | CARRETE | * | NEGRO |

**CABLE TYPE MC RHH/RHW, EP+CPE INSULATION 90 °C 600 V,
COPPER CONDUCTORS, ALUMINUM INTELLOCKED ARMOR AND PVC JACKET**



| Number of Product | Size (AWG/kcmil) | Total Cross Section Area (mm2) | Number of Conductors | Conductor Number of Wires | Nominal Conductor Diameter (in) | Nominal Insulation thickness, the first layer (mils) | Nominal Insulation thickness, the second layer (mils) | Nominal Diameter Over Insulation (in) | Number of grounding conductors | Grounding Conductor Size (AWG-kcmil) | Grounding Conductor Area (mm2) | Nominal Diameter Under Armor (in) | Nominal Diameter Over Armor (in) | Nominal Overall Diameter (in) | Nominal cable weight (lb/1000ft) | Packaging | Length | Color |
|-------------------|------------------|--------------------------------|----------------------|---------------------------|---------------------------------|--|---|---------------------------------------|--------------------------------|--------------------------------------|--------------------------------|-----------------------------------|----------------------------------|-------------------------------|----------------------------------|-----------|--------|-------|
| 1401140HOA | 1/0 | 53.50 | 4 | 19 | 0.36 | 55.12 | 44.88 | 0.57 | 1 | 6 | 13.30 | 1.44 | 1.64 | 1.77 | 2.360 | CARRETE | * | NEGRO |
| 1401140EDA | 2/0 | 67.40 | 2 | 19 | 0.40 | 55.12 | 44.88 | 0.62 | 1 | 6 | 13.30 | 1.24 | 1.44 | 1.55 | 1.587 | CARRETE | * | NEGRO |
| 1401140FTA | 2/0 | 67.40 | 3 | 19 | 0.40 | 55.12 | 44.88 | 0.62 | 1 | 6 | 13.30 | 1.35 | 1.56 | 1.68 | 2.186 | CARRETE | * | NEGRO |
| 1401140HPA | 2/0 | 67.40 | 4 | 19 | 0.40 | 55.12 | 44.88 | 0.62 | 1 | 6 | 13.30 | 1.54 | 1.74 | 1.86 | 2.771 | CARRETE | * | NEGRO |
| 1401140FXA | 3/0 | 85.00 | 3 | 19 | 0.45 | 55.12 | 44.88 | 0.66 | 1 | 4 | 21.15 | 1.47 | 1.67 | 1.80 | 2.634 | CARRETE | * | NEGRO |
| 1401140CGA | 3/0 | 85.00 | 4 | 19 | 0.45 | 55.12 | 44.88 | 0.66 | 1 | 4 | 21.15 | 1.67 | 1.95 | 2.08 | 3.360 | CARRETE | * | NEGRO |
| 1401140EYA | 4/0 | 107.00 | 3 | 19 | 0.51 | 55.12 | 44.88 | 0.72 | 1 | 4 | 21.15 | 1.58 | 1.78 | 1.91 | 3.111 | CARRETE | * | NEGRO |
| 1401140CHA | 4/0 | 107.00 | 4 | 19 | 0.51 | 55.12 | 44.88 | 0.72 | 1 | 4 | 21.15 | 1.79 | 2.08 | 2.20 | 3.990 | CARRETE | * | NEGRO |
| 1401140FZA | 250 | 127.00 | 3 | 37 | 0.56 | 64.96 | 64.96 | 0.83 | 1 | 4 | 21.15 | 1.79 | 2.08 | 2.20 | 3.744 | CARRETE | * | NEGRO |
| 1401140CIA | 250 | 127.00 | 4 | 37 | 0.56 | 64.96 | 64.96 | 0.83 | 1 | 4 | 21.15 | 2.03 | 2.31 | 2.47 | 4.873 | CARRETE | * | NEGRO |
| 1401140G0A | 300 | 152.00 | 3 | 37 | 0.61 | 64.96 | 64.96 | 0.88 | 1 | 4 | 21.15 | 1.90 | 2.19 | 2.32 | 4.290 | CARRETE | * | NEGRO |
| 1401140CJA | 300 | 152.00 | 4 | 37 | 0.61 | 64.96 | 64.96 | 0.88 | 1 | 4 | 21.15 | 2.14 | 2.43 | 2.59 | 5.594 | CARRETE | * | NEGRO |
| 1401140G1A | 350 | 177.00 | 3 | 37 | 0.66 | 64.96 | 64.96 | 0.93 | 1 | 3 | 26.67 | 2.01 | 2.30 | 2.45 | 4.951 | CARRETE | * | NEGRO |
| 1401140CKA | 350 | 177.00 | 4 | 37 | 0.66 | 64.96 | 64.96 | 0.93 | 1 | 3 | 26.67 | 2.26 | 2.55 | 2.71 | 6.350 | CARRETE | * | NEGRO |
| 1401140G2A | 400 | 203.00 | 3 | 37 | 0.70 | 64.96 | 64.96 | 0.97 | 1 | 3 | 26.67 | 2.11 | 2.40 | 2.55 | 5.488 | CARRETE | * | NEGRO |
| 1401140CLA | 400 | 203.00 | 4 | 37 | 0.70 | 64.96 | 64.96 | 0.97 | 1 | 3 | 26.67 | 2.37 | 2.65 | 2.81 | 7.056 | CARRETE | * | NEGRO |
| 3001275 | 500 | 253.00 | 3 | 37 | 0.79 | 64.96 | 64.96 | 1.06 | 1 | 2 | 33.62 | 2.29 | 2.57 | 2.73 | 6.593 | CARRETE | * | NEGRO |
| 1401140CCA | 500 | 253.00 | 4 | 37 | 0.79 | 64.96 | 64.96 | 1.06 | 1 | 2 | 33.62 | 2.56 | 2.85 | 3.01 | 8.505 | CARRETE | * | NEGRO |
| 1401140G4A | 600 | 304.00 | 3 | 61 | 0.86 | 79.92 | 64.96 | 1.16 | 1 | 2 | 33.62 | 2.51 | 2.80 | 2.96 | 7.780 | CARRETE | * | NEGRO |
| 1401140HOA | 600 | 304.00 | 4 | 61 | 0.86 | 79.92 | 64.96 | 1.16 | 1 | 2 | 33.62 | 2.82 | 3.10 | 3.28 | 10.145 | CARRETE | * | NEGRO |
| 1401140G7A | 750 | 380.00 | 3 | 61 | 0.96 | 79.92 | 64.96 | 1.26 | 1 | 2 | 33.62 | 2.73 | 3.02 | 3.20 | 9.419 | CARRETE | * | NEGRO |
| 1401140HTA | 750 | 380.00 | 4 | 61 | 0.96 | 79.92 | 64.96 | 1.26 | 1 | 2 | 33.62 | 3.06 | 3.35 | 3.53 | 12.223 | CARRETE | * | NEGRO |