

With our MC Cables, easy does it is an understatement.

Electrical installations don't have to be a tedious, and time-consuming task.

Trust only Phelps Dodge Metal-Clad (MC) Cables, and you'll know how simple your life can be.

- One-step installation.
- Highly flexible, allows more bends
- Less space requirements
- Faster job turns at a lower cost



- ✓ MC Cable can be either Copper or Aluminum
- ✓ Clean-looking / No need to paint over
- ✓ High flexibility compared to conduits
- ✓ Less space requirements by up to 30% versus conduits
- ✓ Eliminates need for pull boxes
- ✓ Faster installation time by as much as 30% versus conduit installation
- ✓ Cabling costs reduced by up to 50% versus conventional wiring method*
- ✓ Corrosion, rodent and termite resistant

*for copper cable in IMC conduits versus aluminum MC cable

phelps dodge

One-time investment. Lifetime protection.



General Manager:

A. SORIANO
CORPORATION


CERTIFIED
Product Quality
Q 0054


CERTIFICATION
INTERNATIONAL
ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007
CERTIFIED


Underwriters
Laboratories

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METAL-CLAD CABLES

- ☛ Available for both Copper and Aluminum Conductors
- ☛ PVC/Nylon (THHN/THWN-2), or XLPE or PVC Insulations
- ☛ With Aluminum Strip Armor
- ☛ With or without PVC Overall Jacket
- ☛ Single Core and Multi-core Cables
- ☛ Low voltage and Medium voltage

Specifications and Special Features

- Easy to install: All-in-one factory assembled prefab cable, which results in reduced installation time up to 30%
- Strong, lightweight, and corrosion-resistant aluminum alloy armor protects conductors from damage during installation
- Rodent and termite resistant due to its aluminum armor
- Overall flexibility not available with a conduit
- Not limited to four of 90° bend rule, which eliminates the need for pull boxes
- Aesthetically clean-looking installed appearance; no need to paint
- Factory-tested Engineered Product
- Can be direct buried, used in wet locations, or encased in concrete*
- Eliminates the need for expensive tools such as pipe cutter, threader, and bender due to its built-in Al strip armoring

*for PVC Jacketed Phelps Dodge MC Cable

The logo for Phelps Dodge, featuring the words "phelps" and "dodge" in a stylized, italicized, sans-serif font. The letters are dark blue with a white outline, and the "p" and "d" are significantly larger than the other letters.

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Installation Parameters

Bending radius

- Minimum bending radius for interlocked armor:
7 x diameter of metallic sheath

Support

- Unless otherwise provided, cables shall be supported and secured horizontally and vertically at intervals not exceeding 1.8m (6 ft.)
- Support types
 - ✓ Strut
 - ✓ Trapeze
 - ✓ Laid and strapped down to joists or trusses
 - ✓ Cable Tray

Applications

Without Jacket

- For service entrance and feeders
- For power lighting and signal circuits
- Indoors
- Where exposed or concealed
- In cable tray
- In dry locations and embedded plaster finish on brick or other masonry except in damp or wet conditions

With Overall PVC Jacket

- Outdoors
- In wet locations
- Direct burial
- Encased in concrete

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