

# Low Voltage Control Multi-Conductor Cables

C-L-X • Type MC-HL Control Cable/600V • For CT Use (XHHW-2), Sun Res

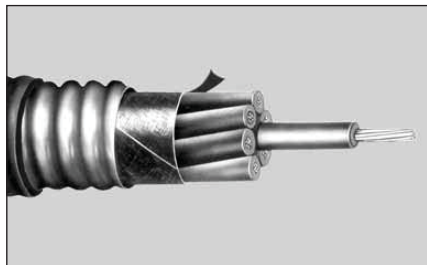
**UL and ABS listed as Marine Shipboard Cable (CLXM-CWCMC) 600V/1000V**

**Construction:** Two or more stranded copper conductors (sizes #8 AWG and larger are compact stranded), X-Olene insulated, with color-coded conductors, ground wire, fillers (as necessary), binder tape over core, corrugated aluminum C-L-X sheath and Okoseal jacket overall.

**Conductor Temperature:** 90°C dry or wet

**Sizes:** #14 AWG – #10 AWG

**Application:** Economical and versatile alternate to a conduit system; for services, feeders and branch circuits in industrial and commercial applications; power, lighting, control and signal circuits; indoors or outdoors, in wet or dry locations, direct burial, in cable tray, in raceways, as open runs of cable, as aerial cable on a messenger, and in Class I, Division 1, hazardous locations.



## Type MC-HL Control Cable (includes grounding conductor[s])

| Catalog Number | Conductor Size & No. of Strands | Number of Ungrounded Conductors | Grounding Conductor Size | Insulation Thickness (mils) | C-L-X O.D. (inches) | Jacket Thickness (mils) | Approx. O.D. (inches) | Approx Net Weight (lbs/1,000 ft.) |
|----------------|---------------------------------|---------------------------------|--------------------------|-----------------------------|---------------------|-------------------------|-----------------------|-----------------------------------|
| 546-31-3403    | 14(7x)                          | 3                               | 3x18 bare                | 30                          | 0.53                | 50                      | 0.64                  | 160                               |
| 546-31-3404    | 14(7x)                          | 4                               | 3x18 bare                | 30                          | 0.58                | 50                      | 0.69                  | 222                               |
| 546-31-3406    | 14(7x)                          | 6                               | #14 green insulated      | 30                          | 0.62                | 50                      | 0.73                  | 267                               |
| 546-31-3408    | 14(7x)                          | 8                               | #14 green insulated      | 30                          | 0.71                | 50                      | 0.82                  | 321                               |
| 546-31-3411    | 14(7x)                          | 11                              | #14 green insulated      | 30                          | 0.80                | 50                      | 0.91                  | 395                               |
| 546-31-3418    | 14(7x)                          | 18                              | #14 green insulated      | 30                          | 0.93                | 50                      | 1.04                  | 554                               |
| 546-31-3436    | 14(7x)                          | 36                              | #14 green insulated      | 30                          | 1.24                | 50                      | 1.35                  | 948                               |
| 546-31-3453    | 12(7x)                          | 3                               | 3x16 bare                | 30                          | 0.58                | 50                      | 0.69                  | 239                               |
| 546-31-3454    | 12(7x)                          | 4                               | 3x16 bare                | 30                          | 0.67                | 50                      | 0.77                  | 286                               |
| 546-31-3456    | 12(7x)                          | 6                               | #12 green insulated      | 30                          | 0.67                | 50                      | 0.78                  | 338                               |
| 546-31-3458    | 12(7x)                          | 8                               | #12 green insulated      | 30                          | 0.80                | 50                      | 0.91                  | 426                               |
| 546-31-3461    | 12(7x)                          | 11                              | #12 green insulated      | 30                          | 0.89                | 50                      | 1.00                  | 519                               |
| 546-31-3468    | 12(7x)                          | 18                              | #12 green insulated      | 30                          | 1.02                | 50                      | 1.13                  | 739                               |
| 546-31-3486    | 12(7x)                          | 36                              | #12 green insulated      | 30                          | 1.37                | 50                      | 1.48                  | 1302                              |
| 546-31-3503    | 10(7x)                          | 3                               | 3x14 bare                | 30                          | 0.62                | 50                      | 0.73                  | 300                               |
| 546-31-3504    | 10(7x)                          | 4                               | 3x14 bare                | 30                          | 0.67                | 50                      | 0.78                  | 348                               |
| 546-31-3506    | 10(7x)                          | 6                               | #10 green insulated      | 30                          | 0.75                | 50                      | 0.86                  | 451                               |
| 546-31-3508    | 10(7x)                          | 8                               | #10 green insulated      | 30                          | 0.89                | 50                      | 1.00                  | 568                               |
| 546-31-3511    | 10(7x)                          | 11                              | #10 green insulated      | 30                          | 0.97                | 50                      | 1.08                  | 704                               |

Color coding per ICEA Method 1, Table E-2 (for non-grounding conductors)