

FEEDER SIZE MC CABLE SIZES 8 - 250MCM COPPER XHHW-2 CONDUCTORS, 90DEG C, 600 VOLTS ALUMINUM INTERLOCKED ARMOR OVERALL

CONSTRUCTION:

CONDUCTOR CLASS B STRANDED BARE COPPER

INSULATION THERMOSETTING CROSSLINKED POLYETHYLENE (XLP) TYPE XHHW-2 PER UL 44. CONDUCTORS RATED 90DEG C WET OR DRY.

CONDUCTOR IDENTIFICATION ON SIZES 8 THRU 1AWG, COLOR CODE SEQUENCE IS 1) BLACK, 2) WHITE, 3) RED, AND 4) BLUE. SIZES 1/0 AND LARGER PER ICEA METHOD 4 (BLACK CONDUCTORS WITH NUMBERS). ALSO MAY BE CODED WITH PAINTED STRIPES ON BLACK CONDUCTORS.

ASSEMBLY CONDUCTORS ARE CABLED TOGETHER WITH STRANDED COPPER GROUND WIRE IN ONE OF THE INTERSTICES (1AWG AND SMALLER HAS GREEN INSULATED GROUND, LARGER SIZES HAVE BARE GROUND), SUITABLE FILLERS WHERE NECESSARY, AND OVERALL CABLE BINDER TAPE

ARMOR ALUMINUM INTERLOCKED ARMOR APPLIED OVER CABLE ASSEMBLY.

| Charlotte Wire Part# | Size AWG | Number of Conductors | Insulation Thickness (in.) | Ground Wire Size (AWG) | Overall Diameter (in.) | Approx. Net Wt. (Lbs/Mft) |
|----------------------|----------|----------------------|----------------------------|------------------------|------------------------|---------------------------|
| CW01350 | 8 | 2 | .045" | 1 - #10 | .75" | 280 |
| CW01351 | 8 | 3 | .045" | 1 - #10 | .81" | 335 |
| CW01352 | 8 | 4 | .045" | 1 - #10 | .89" | 435 |
| CW01353 | 6 | 2 | .045" | 1 - #8 | .83" | 390 |
| CW01354 | 6 | 3 | .045" | 1 - #8 | .91" | 460 |
| CW01355 | 6 | 4 | .045" | 1 - #8 | .99" | 615 |
| CW01356 | 4 | 3 | .045" | 1 - #8 | 1.01" | 640 |
| CW01357 | 4 | 4 | .045" | 1 - #8 | 1.12" | 850 |
| CW01358 | 3 | 3 | .045" | 1 - #6 | 1.07" | 825 |
| CW01359 | 3 | 4 | .045" | 1 - #6 | 1.24" | 1020 |
| CW01360 | 2 | 3 | .045" | 1 - #6 | 1.15" | 930 |
| CW01361 | 2 | 4 | .045" | 1 - #6 | 1.35" | 1265 |
| CW01362 | 1 | 3 | .055" | 1 - #6 | 1.31" | 1180 |
| CW01363 | 1 | 4 | .055" | 1 - #6 | 1.43" | 1520 |
| CW01364 | 1/0 | 3 | .055" | 1 - #6 | 1.32" | 1400 |
| CW01365 | 1/0 | 4 | .055" | 1 - #6 | 1.44" | 1790 |
| CW01366 | 2/0 | 3 | .055" | 1 - #6 | 1.42" | 1690 |
| CW01367 | 2/0 | 4 | .055" | 1 - #6 | 1.57" | 2180 |
| CW01368 | 3/0 | 3 | .055" | 1 - #4 | 1.53" | 2100 |
| CW01369 | 3/0 | 4 | .055" | 1 - #4 | 1.68" | 2705 |
| CW01370 | 4/0 | 3 | .055" | 1 - #4 | 1.65" | 2550 |
| CW01371 | 4/0 | 4 | .055" | 1 - #4 | 1.81" | 3310 |
| CW01374 | 250MCM | 3 | .065" | 1 - #4 | 1.81" | 2990 |
| CW01375 | 250MCM | 4 | .065" | 1 - #4 | 2.00" | 4070 |

APPLICATION:

Suitable for branch, service, and feeder circuits in commercial, industrial and utility applications. Per NEC Article 330, may be supported by a messenger.

STANDARDS:

UL Standard 1569 for Type MC cables.
NEC Article 330 for MC cables.
UL Standard 44 for XHHW-2 conductors.
ICEA S-95-658/NEMA WC70: Nonshld 0-2KV cables.