



**APPLIANCE, MOTOR LEAD & HOOKUP WIRE**  
600VOLTS - 105DEG C PVC INSULATION - TINNED COPPER  
UL AWM 1015 105C, TYPE MTW 90C, CSA TYPE TEW

**CONSTRUCTION:**

**CONDUCTOR** SOFT DRAWN SOLID OR STRANDED TINNED COPPER.

**INSULATION** POLYVINYLCHLORIDE (PVC).

| Charlotte Wire Part# | Size AWG | Number Of Strands | Insulation Thickness (in.) | Overall Diameter (in.) | Approx. Net Weight (Lbs/Mft.) |
|----------------------|----------|-------------------|----------------------------|------------------------|-------------------------------|
| CW04238              | 22       | Solid             | .030"                      | .09"                   | 6                             |
| CW04239              | 20       | Solid             | .030"                      | .10"                   | 7                             |
| CW04240              | 18       | Solid             | .030"                      | .11"                   | 10                            |
| CW04241              | 16       | Solid             | .030"                      | .12"                   | 13                            |
| CW04242              | 14       | Solid             | .030"                      | .13"                   | 19                            |
| CW04243              | 12       | Solid             | .030"                      | .15"                   | 27                            |
| CW04245              | 24       | 7                 | .030"                      | .09"                   | 5                             |
| CW04246              | 22       | 7                 | .030"                      | .09"                   | 6                             |
| CW04247              | 20       | 10                | .030"                      | .10"                   | 7                             |
| CW04248              | 18       | 16                | .030"                      | .11"                   | 10                            |
| CW04249              | 16       | 26                | .030"                      | .12"                   | 14                            |
| CW04250              | 14       | 41                | .030"                      | .14"                   | 20                            |
| CW04251              | 12       | 65                | .030"                      | .16"                   | 29                            |
| CW04252              | 10       | 105               | .030"                      | .19"                   | 43                            |
| CW04253              | 8        | 133               | .045"                      | .26"                   | 74                            |
| CW04254              | 6        | 133               | .060"                      | .34"                   | 118                           |
| CW04255              | 4        | 133               | .060"                      | .39"                   | 173                           |
| CW04263              | 3        | 133               | .060"                      | .43"                   | 230                           |
| CW04256              | 2        | 133               | .060"                      | .46"                   | 265                           |
| CW04257              | 2        | 665               | .060"                      | .46"                   | 265                           |
| CW04258              | 1        | 836               | .080"                      | .53"                   | 328                           |
| CW04259              | 1/0      | 1045              | .080"                      | .60"                   | 425                           |
| CW04260              | 2/0      | 1330              | .080"                      | .65"                   | 510                           |
| CW04261              | 3/0      | 1672              | .080"                      | .69"                   | 610                           |
| CW04262              | 4/0      | 2109              | .080"                      | .79"                   | 820                           |

**APPLICATION:**

Suitable for use in electronic circuits, switchboard panels, motors, control wiring, internal appliance wiring, and power hook-up applications. Flexible strand construction can also be used as a battery cable in appropriate sizes.

**STANDARDS:**

UL Standard 758: AWM Styles 1015, 1230, 1283, & 1284 (105Deg C 600V).

UL Standard 1063: Type MTW 90Deg C 600V.

CSA Type TEW 105Deg C 600V