

RETRACTILE PORTABLE CONTROL CABLE TYPE SOOW - (SIZES 18AWG THRU #10AWG) 90DEG C 600VOLTS UL AND CSA LISTED

CONSTRUCTION:

CONDUCTOR FLEXIBLE SOFT DRAWN STRANDED BARE COPPER.

INSULATION THERMOSET RUBBER COLOR CODED PER ICEA METHOD 1 TABLE E-1, EXCEPT 3/C ITEMS, WHICH ARE BLACK-WHITE-GREEN.

ASSEMBLY INSULATED CONDUCTORS ARE CABLED TOGETHER WITH FILLERS AS NEEDED AND A SUITABLE TAPE SEPARATOR. CORD IS PERMANENTLY COILED. EXTENDED LENGTH IS 5 TIMES RETRACTED LENGTH (ex. 4FT CORD EXTENDS TO 20FT).

JACKET BLACK THERMOSET RUBBER JACKET, WHICH IS ABRASION, CHEMICAL, FLAME, OIL, OZONE, SUNLIGHT, AND WATER RESISTANT.

| Charlotte Wire Part#* | Size AWG | Number of Conductors | Number of Strands | Cable O.D. (in.) | Coil O.D. (in.) | Rating In Amps** | Weight in Lbs/Each per Cord Length | | | |
|-----------------------|----------|----------------------|-------------------|------------------|-----------------|------------------|------------------------------------|--------------|--------------|--------------|
| | | | | | | | 12" (lbs/ea) | 24" (lbs/ea) | 36" (lbs/ea) | 48" (lbs/ea) |
| CW03577-xx | 18 | 3 | 41 | .39" | 1.40" | 10 | 1.0 | 1.7 | 2.5 | 3.2 |
| CW03578-xx | 18 | 4 | 41 | .42" | 1.46" | 7 | 1.2 | 2.2 | 3.3 | 4.0 |
| CW03579-xx | 18 | 10 | 41 | .60" | 2.05" | 3.5 | 2.2 | 4.2 | 6.1 | 8.0 |
| CW03580-xx | 16 | 3 | 65 | .42" | 1.45" | 13 | 1.2 | 1.8 | 2.6 | 3.3 |
| CW03581-xx | 16 | 4 | 65 | .45" | 1.61" | 10 | 1.3 | 1.9 | 2.9 | 3.7 |
| CW03582-xx | 16 | 5 | 65 | .53" | 1.90" | 8 | 1.5 | 2.7 | 4.0 | 5.3 |
| CW03583-xx | 16 | 6 | 65 | .58" | 2.00" | 8 | 1.7 | 3.2 | 4.4 | 6.0 |
| CW03584-xx | 16 | 7 | 65 | .58" | 2.00" | 7 | 2.2 | 3.6 | 5.2 | 7.1 |
| CW03585-xx | 16 | 8 | 65 | .61" | 2.07" | 7 | 2.0 | 3.3 | 4.8 | 6.4 |
| CW03586-xx | 14 | 3 | 41 | .55" | 1.95" | 18 | 1.7 | 3.0 | 4.4 | 5.9 |
| CW03587-xx | 14 | 4 | 41 | .57" | 2.00" | 15 | 1.9 | 3.2 | 4.7 | 6.3 |
| CW03588-xx | 14 | 7 | 41 | .70" | 2.45" | 10.5 | 3.0 | 5.0 | 7.3 | 8.6 |
| CW03589-xx | 12 | 3 | 65 | .63" | 2.31" | 25 | 2.5 | 4.3 | 6.3 | 8.1 |
| CW03590-xx | 12 | 4 | 65 | .68" | 2.41" | 20 | 2.7 | 4.5 | 6.5 | 8.7 |
| CW03591-xx | 12 | 7 | 65 | .77" | 2.85" | 14 | 3.4 | 6.4 | 9.1 | 12.8 |
| CW03592-xx | 10 | 4 | 104 | .72" | 2.48" | 25 | 3.3 | 5.4 | 8.4 | 11.4 |

* "-xx" can be filled with retracted length in inches required. (ex. 3/c #16 4FT to 20FT would therefore be CW03580-48).

** Ampacities based on 30Deg C ambient temperature in air per the 2014 NEC, Table 400.5(A)(1). Values shown are for current carrying conductors.

A grounding conductor, or one which carries only the unbalance current from other conductors is not counted in determining current carrying capacity.

APPLICATION:

For use in connection of portable equipment and appliances. Also for use on signal and control circuits in industrial plants. Designed for extra hard usage and for equipment that is exposed to chemicals, oils, sunlight, and moisture.

STANDARDS:

UL Standard 62 for flexible cords.

UL & CSA Type SOW: Weather resistant/outdoor.