

PENDANT AND REELING CONTROL CABLE TYPE TC #12 & #10AWG - SMALL DIAMETER 90DEG C, 600VOLTS, UL 1277 SUNLIGHT RESISTANT

CONSTRUCTION:

CONDUCTOR 19 STRANDED SOFT DRAWN BARE COPPER.

INSULATION FLAME-RETARDANT POLYMER WITH NYLON JACKET.

CONDUCTOR IDENTIFICATION INSULATED CONDUCTORS ARE COLOR CODED PER ICEA METHOD 1 TABLE E-2.

ASSEMBLY CONDUCTORS ARE CABLED TOGETHER WITH SUITABLE FILLERS WHERE NEEDED AND A MYLAR TAPE SEPARATOR IS APPLIED OVER THE CONDUCTOR ASSEMBLY.

OVERALL JACKET HEAVY DUTY THERMOSETTING BLACK NEOPRENE PER UL 1277, WHICH PROTECTS AGAINST FLAME, CHEMICALS, OIL, MOISTURE, SUNLIGHT, AND ABRASION.

| Charlotte Wire Part# | Size AWG | Number of Conductors | Insulation Thickness (in.) | | Jacket Thickness (in.) | Overall Diameter (in.) | Approx. Net Wt. (Lbs/Mft) |
|----------------------------|-------------|----------------------------|----------------------------|-------|------------------------------|------------------------------|---------------------------------|
| | | | Polymer | Nylon | | | |
| CW03320 | 12 | 3 | .015" | .004" | .045" | .39" | 120 |
| CW03321 | 12 | 4 | .015" | .004" | .045" | .42" | 155 |
| CW03322 | 12 | 5 | .015" | .004" | .045" | .46" | 185 |
| CW03323 | 12 | 6 | .015" | .004" | .045" | .50" | 210 |
| CW03324 | 12 | 8 | .015" | .004" | .045" | .61" | 300 |
| CW03325 | 12 | 10 | .015" | .004" | .060" | .67" | 350 |
| CW03326 | 12 | 12 | .015" | .004" | .060" | .68" | 395 |
| CW03327 | 12 | 16 | .015" | .004" | .060" | .75" | 505 |
| CW03328 | 12 | 19 | .015" | .004" | .060" | .80" | 605 |
| CW03329 | 12 | 20 | .015" | .004" | .080" | .87" | 655 |
| CW03330 | 12 | 21 | .015" | .004" | .080" | .89" | 680 |
| CW03331 | 12 | 24 | .015" | .004" | .080" | .98" | 775 |
| CW03332 | 12 | 30 | .015" | .004" | .080" | 1.04" | 930 |
| CW03333 | 12 | 37 | .015" | .004" | .080" | 1.10" | 1020 |
| CW03334 | 10 | 4 | .020" | .005" | .060" | .49" | 240 |

APPLICATION:

Designed for use in flexing and reeling applications where mechanical toughness and small diameters are needed, such as cranes, hoists, pendant stations, platforms, and other moving industrial equipment. May be used in indoor and outdoor applications, including sunlight resistant, direct burial, and wet or dry locations. Per NEC Articles 336 and 392, approved for installation in

- 1) raceways and cable tray systems including ladders, troughs, channels, solid bottom trays, and other similar structures,
- 2) hazardous locations per Article 501 Class 1 Division 2, and
- 3) Class 1 circuits as permitted in Article 725.

STANDARDS:

UL Standard 1277 for Type TC Cables.

Passes UL and IEEE383 70,000 BTU Flame Test.

NEC Articles 336 and 392 for Tray Cable uses and constructions.