



## UL/CSA Flexible Cable

60°C-105°C 600Vac, Lead Free PVC insulation



### PRODUCT DESCRIPTION

|             |                          |
|-------------|--------------------------|
| Conductors  | Bare stranded copper     |
| Insulation  | Polyvinyl chloride (PVC) |
| Jacket      | Polyvinyl chloride (PVC) |
| Certificate | RoHS and Reach compliant |
| Use         | Power supply             |

|   |                                     |
|---|-------------------------------------|
| Flame compliant                         | VW-1 and FT1                        |
| Rated temperature<br>Storage & shipping | 60°C/75°C/90°C/105°C<br>-20°C~+40°C |
| Rated Voltage                           | 600V                                |

### Marking

(UL) XXX XXAWG(XXmm2)×XC VW-1 XX°C  
 600V E77975 WONDERFUL-D CSA XXX  
 XXAWG(XXmm2)×XC LL43774 -F--LF-

Note: 1).XXX is cable type

2).XX AWG is conductor size

3).XC is number of cores

### PRODUCT CONSTRUCTION

| Type | Conductors   |     |          | Insulation     |               | Jacket         |               | Packaging   | Max. DC Resistance at 20°C / Ω/Km |
|------|--------------|-----|----------|----------------|---------------|----------------|---------------|-------------|-----------------------------------|
|      | No. of cores | AWG | No. /AWG | Thickness (mm) | Diameter (mm) | Thickness (mm) | Diameter (mm) |             |                                   |
| ST   | 2C           | 18  | 41/34    | 0.76           | 2.75±0.08     | 1.52           | 8.70±0.25     | 76.25m/Coil | 22.4                              |
| ST   | 3C           | 18  | 41/34    | 0.76           | 2.75±0.08     | 1.52           | 9.20±0.25     | 76.25m/Coil | 22.4                              |
| ST   | 4C           | 18  | 41/34    | 0.76           | 2.75±0.08     | 1.52           | 9.80±0.25     | 76.25m/Coil | 22.4                              |
| ST   | 5C           | 18  | 41/34    | 0.76           | 2.75±0.08     | 2.03           | 11.80±0.30    | 76.25m/Coil | 22.4                              |
| STO  | 3C           | 16  | 26/30    | 0.76           | 3.05±0.10     | 1.52           | 9.80±0.25     | 76.25m/Coil | 14.1                              |
| STO  | 4C           | 16  | 26/30    | 0.76           | 3.05±0.10     | 1.52           | 10.80±0.30    | 76.25m/Coil | 14.1                              |
| STO  | 5C           | 16  | 26/30    | 0.76           | 3.05±0.10     | 2.03           | 12.50±0.30    | 76.25m/Coil | 14.1                              |
| STW  | 2C           | 18  | 41/34    | 0.76           | 2.75±0.08     | 1.52           | 8.70±0.25     | 76.25m/Coil | 22.4                              |
| STW  | 3C           | 18  | 41/34    | 0.76           | 2.75±0.08     | 1.52           | 9.20±0.25     | 76.25m/Coil | 22.4                              |
| STW  | 4C           | 18  | 41/34    | 0.76           | 2.75±0.08     | 1.52           | 9.80±0.25     | 76.25m/Coil | 22.4                              |
| STW  | 5C           | 18  | 41/34    | 0.76           | 2.75±0.08     | 2.03           | 11.80±0.30    | 76.25m/Coil | 22.4                              |
| STOW | 3C           | 10  | 105/30   | 1.14           | 5.40±0.15     | 2.41           | 9.40±0.25     | 76.25m/Coil | 3.51                              |
| STOW | 4C           | 10  | 105/30   | 1.14           | 5.40±0.15     | 2.41           | 9.30±0.25     | 76.25m/Coil | 3.51                              |

### Remark

The conductor shall be bare copper, Solid Copper and Top-coated copper etc in accordance with customer's requirements