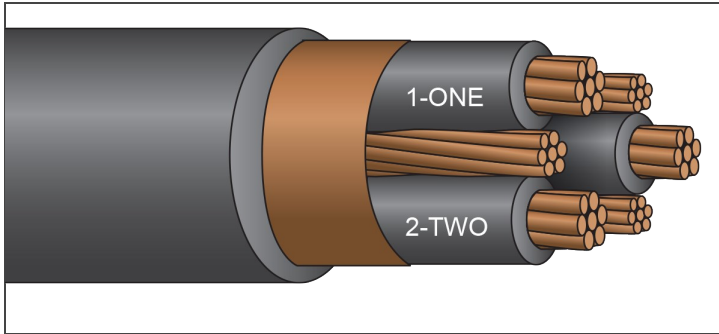


**SERVICEDRIVE®**



**VFD CABLE (TRAY)  
RHW-2/PVC, Shielded**

2,000 Volt Copper

*\*Patented for use with ServiceDrive® connector and termination kit.*



**Description:**

3 conductors, stranded, insulated with heat and moisture resistant crosslinked polyethylene (type RHW-2), phase identified and cabled with suitable fillers and 3 symmetrical bare copper ground conductors. Cable core covered with 5-mil helical copper tape shield, and overall black PVC jacket. **Available with CPE or EnviroPlus® (LSZH) jacket. Available with tinned conductors and 50% grounds\*.**

**Application:**

For use in ASD/VFD applications.

Suitable for use in hazardous locations: Class I - Div 2,  
Class II - Div 2, Class III - Div 1 and 2

**Standards:**

- UL 1277
- ICEA S-95-658/NEMA WC-70
- Exposed Runs Rated (TC-ER) (#4 AWG and larger)
- Flame Rated: IEEE 383 (70,000 BTU), IEEE 1202/CSA FT-4,  
ICEA T-29-520 (210,000 BTU) (1/0 AWG and larger),  
Two-hour Firewall
- Temperature Rated at 90°C Wet/Dry
- Sunlight and Oil Resistant II Jacket
- Direct Burial
- Color Code: Black and Numbered
- RoHS Compliant

*\*U.S. Patent No. 7,309,835*

| Part Number   | Size (AWG or Kcmil) | Strand (no.) | Insulation Thickness (mils) | Grounding Conductors (AWG) | Jacket Thickness (mils) | Approx. Diameter Overall (in.) | Approx. Net Weight (lb./1000') | Ampacity** (30°C ambient) 90°C Wet/Dry |
|---------------|---------------------|--------------|-----------------------------|----------------------------|-------------------------|--------------------------------|--------------------------------|--|
| VFD2KTCP14/3  | 14                  | 7            | 60                          | 3-#14                      | 60                      | 0.55                           | 218                            | 25                                     |
| VFD2KTCP12/3  | 12                  | 7            | 60                          | 3-#14                      | 60                      | 0.59                           | 258                            | 30                                     |
| VFD2KTCP10/3  | 10                  | 7            | 60                          | 3-#14                      | 60                      | 0.64                           | 311                            | 40                                     |
| VFD2KTCP8/3   | 8                   | 7            | 80                          | 3-#14                      | 60                      | 0.79                           | 444                            | 55                                     |
| VFD2KTCP6/3   | 6                   | 7            | 85                          | 3-#12                      | 80                      | 0.93                           | 654                            | 75                                     |
| VFD2KTCP4/3   | 4                   | 7            | 85                          | 3-#12                      | 80                      | 1.04                           | 861                            | 95                                     |
| VFD2KTCP3/3   | 3                   | 7            | 85                          | 3-#10                      | 80                      | 1.09                           | 1,026                          | 115                                    |
| VFD2KTCP2/3   | 2                   | 7            | 85                          | 3-#10                      | 80                      | 1.15                           | 1,197                          | 130                                    |
| VFD2KTCP1/3   | 1                   | 19           | 105                         | 3-#10                      | 80                      | 1.31                           | 1,482                          | 145                                    |
| VFD2KTCP1/0/3 | 1/0                 | 19           | 105                         | 3-#10                      | 80                      | 1.40                           | 1,749                          | 170                                    |
| VFD2KTCP2/0/3 | 2/0                 | 19           | 105                         | 3-#10                      | 80                      | 1.49                           | 2,077                          | 195                                    |
| VFD2KTCP3/0/3 | 3/0                 | 19           | 105                         | 3-#8                       | 80                      | 1.60                           | 2,534                          | 225                                    |
| VFD2KTCP4/0/3 | 4/0                 | 19           | 105                         | 3-#8                       | 110                     | 1.78                           | 3,142                          | 260                                    |
| VFD2KTCP250/3 | 250                 | 37           | 120                         | 3-#8                       | 110                     | 1.92                           | 3,614                          | 290                                    |
| VFD2KTCP350/3 | 350                 | 37           | 120                         | 3-#6                       | 110                     | 2.13                           | 4,822                          | 350                                    |
| VFD2KTCP500/3 | 500                 | 37           | 120                         | 3-#6                       | 110                     | 2.40                           | 6,474                          | 430                                    |
| VFD2KTCP600/3 | 600                 | 61           | 135                         | 3-#6                       | 110                     | 2.63                           | 7,659                          | 475                                    |
| VFD2KTCP750/3 | 750                 | 61           | 135                         | 3-#4                       | 140                     | 2.90                           | 9,577                          | 535                                    |

\*\*Per NEC Table 310.15 (B)(16). NOTE: The data shown is approximate and subject to standard industry tolerances.