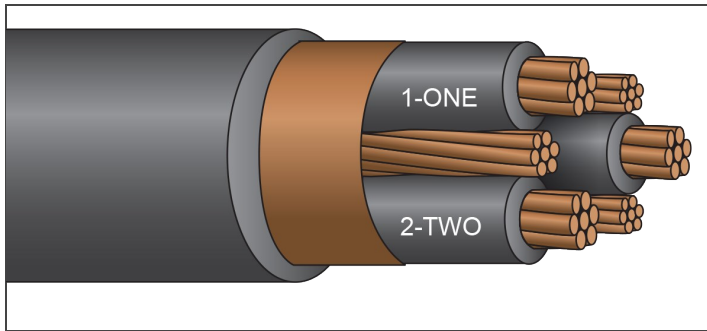


SERVICEDRIVE®



VFD TRAY CABLE
RHW-2/PVC, Shielded
2,000 Volt Copper



Description:

Three copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (*type RHW-2*), phase identified and cabled together with suitable fillers and three symmetrical bare copper ground conductors. Cable core shielded with 5-mil copper tape, helically applied with 50% overlap for 100% coverage and double tape thickness throughout the cable. Standard construction with overall black PVC jacket. **Available with ServiceCPE or EnviroPlus® (LSZH) jacket. Available with tinned conductors and 50% grounds*.**

Application:

For use in VFD applications.

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

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

Standards:

UL 44 and UL 1277, CSA C22.2 #230
NFPA 79 Flexible Motor Supply Cable
ICEA S-95-658/NEMA WC-70
Exposed Runs Rated (*TC-ER*)
Flame Rated: IEEE 383 (*70,000 BTU*), IEEE 1202/CSA FT-4,
ICEA T-29-520 (*210,000 BTU*)
Two-hour Firewall
Temperature Rated at 90°C Wet/Dry
Sunlight Resistant, Gasoline 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 | 208 | 25 |
| VFD2KTCP12/3 | 12 | 7 | 60 | (3) #14 | 60 | 0.59 | 245 | 30 |
| VFD2KTCP10/3 | 10 | 7 | 60 | (3) #14 | 60 | 0.64 | 295 | 40 |
| VFD2KTCP8/3 | 8 | 7 | 80 | (3) #14 | 60 | 0.79 | 415 | 55 |
| VFD2KTCP6/3 | 6 | 7 | 80 | (3) #12 | 80 | 0.91 | 638 | 75 |
| VFD2KTCP4/3 | 4 | 7 | 80 | (3) #12 | 80 | 1.02 | 843 | 95 |
| VFD2KTCP3/3 | 3 | 7 | 80 | (3) #10 | 80 | 1.07 | 1,007 | 115 |
| VFD2KTCP2/3 | 2 | 7 | 80 | (3) #10 | 80 | 1.13 | 1,177 | 130 |
| VFD2KTCP1/3 | 1 | 19 | 95 | (3) #10 | 80 | 1.27 | 1,439 | 145 |
| VFD2KTCP1/03 | 1/0 | 19 | 95 | (3) #10 | 80 | 1.35 | 1,703 | 170 |
| VFD2KTCP2/03 | 2/0 | 19 | 95 | (3) #10 | 80 | 1.45 | 2,028 | 195 |
| VFD2KTCP3/03 | 3/0 | 19 | 95 | (3) #8 | 80 | 1.55 | 2,481 | 225 |
| VFD2KTCP4/03 | 4/0 | 19 | 95 | (3) #8 | 110 | 1.74 | 3,083 | 260 |
| VFD2KTCP250/3 | 250 | 37 | 110 | (3) #8 | 110 | 1.88 | 3,553 | 290 |
| VFD2KTCP350/3 | 350 | 37 | 110 | (3) #6 | 110 | 2.09 | 4,753 | 350 |
| VFD2KTCP500/3 | 500 | 37 | 110 | (3) #6 | 110 | 2.36 | 6,396 | 430 |
| VFD2KTCP600/3 | 600 | 61 | 125 | (3) #6 | 110 | 2.58 | 7,575 | 475 |
| VFD2KTCP750/3 | 750 | 61 | 125 | (3) #4 | 140 | 2.81 | 9,441 | 535 |

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