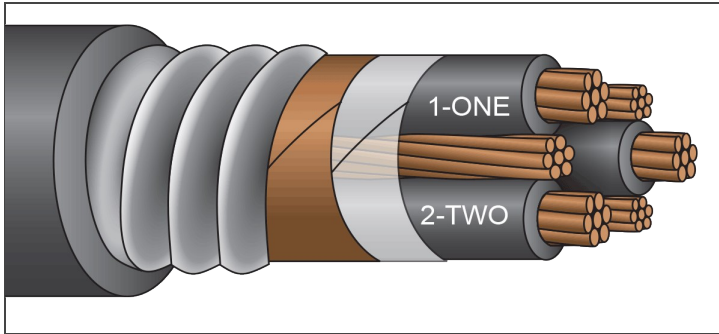


SERVICEDRIVE®



VFD JACKETED MC
XHHW-2/PVC
600 Volt Copper



Description:

Three copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (*type XHHW-2*), phase identified and cabled together with suitable fillers and three symmetrical copper ground conductors. Cable core covered with mylar binder tape, 5-mil helical copper tape shield, and aluminum interlocked armor with overall black PVC jacket. **Available in 1kV or 2kV and CPE or EnviroPlus® (LSZH) jacket. Available with galvanized steel interlocked armor, 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 1569
NFPA79 Flexible Motor Supply Cable
ICEA S-95-658/NEMA WC-70
Flame Rated: IEEE 383 (70,000 BTU), ICEA T-29-520 (210,000 BTU),
IEEE 1202/CSA FT-4, Two-hour Firewall
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -25°C
Sunlight Resistant, Gasoline and Oil Resistant II Jacket
Jacket Direct Burial (*includes encasement in concrete*)
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) | Diameter over Armor (in.) | PVC Jacket Thickness (mils) | Approx. Diameter Overall (in.) | Approx. Net Weight (lb./1000') | Ampacity** (30°C ambient) 90°C Wet/Dry |
|-------------|---------------------|--------------|-----------------------------|----------------------------|---------------------------|-----------------------------|--------------------------------|--------------------------------|--|
| VFDAP14/3 | 14 | 7 | 60 | (3) #14 | 0.65 | 50 | 0.75 | 304 | 25 |
| VFDAP12/3 | 12 | 7 | 60 | (3) #14 | 0.69 | 50 | 0.79 | 348 | 30 |
| VFDAP10/3 | 10 | 7 | 60 | (3) #14 | 0.75 | 50 | 0.85 | 388 | 40 |
| VFDAP8/3 | 8 | 7 | 45 | (3) #14 | 0.73 | 50 | 0.83 | 545 | 55 |
| VFDAP6/3 | 6 | 7 | 45 | (3) #12 | 0.81 | 50 | 0.91 | 710 | 75 |
| VFDAP4/3 | 4 | 7 | 45 | (3) #10 | 0.91 | 50 | 1.01 | 957 | 95 |
| VFDAP3/3 | 3 | 7 | 45 | (3) #10 | 0.97 | 50 | 1.07 | 1,096 | 115 |
| VFDAP2/3 | 2 | 7 | 45 | (3) #10 | 1.03 | 50 | 1.13 | 1,265 | 130 |
| VFDAP1/3 | 1 | 19 | 55 | (3) #10 | 1.15 | 50 | 1.25 | 1,514 | 145 |
| VFDAP1/03 | 1/0 | 19 | 55 | (3) #10 | 1.31 | 50 | 1.41 | 1,901 | 170 |
| VFDAP2/03 | 2/0 | 19 | 55 | (3) #10 | 1.41 | 50 | 1.51 | 2,237 | 195 |
| VFDAP3/03 | 3/0 | 19 | 55 | (3) #8 | 1.51 | 60 | 1.63 | 2,732 | 225 |
| VFDAP4/03 | 4/0 | 19 | 55 | (3) #8 | 1.63 | 60 | 1.75 | 3,244 | 260 |
| VFDAP250/3 | 250 | 37 | 65 | (3) #8 | 1.75 | 60 | 1.87 | 3,793 | 290 |
| VFDAP350/3 | 350 | 37 | 65 | (3) #6 | 1.97 | 60 | 2.09 | 5,028 | 350 |
| VFDAP500/3 | 500 | 37 | 65 | (3) #6 | 2.25 | 60 | 2.37 | 6,712 | 430 |
| VFDAP600/3 | 600 | 61 | 80 | (3) #6 | 2.45 | 75 | 2.60 | 7,981 | 475 |
| VFDAP750/3 | 750 | 61 | 80 | (3) #4 | 2.69 | 75 | 2.84 | 9,775 | 535 |
| VFDAP1000/3 | 1000 | 61 | 80 | (3) #2 | 3.13 | 85 | 3.30 | 12,243 | 615 |

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