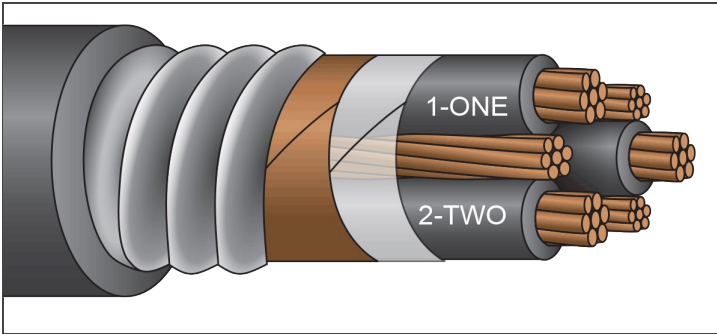


**SERVICEDRIVE®**



**VFD CABLE (JACKETED MC)  
XHHW-2/PVC**

600/1,000 Volt Copper

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



**Description:**

3 conductors, stranded, insulated with heat and moisture resistant crosslinked polyethylene (type XHHW-2), phase identified and cabled with suitable fillers and 3 symmetrical copper ground conductors. Cable core covered with binder tape, 5-mil helical copper tape shield and aluminum interlocked armor with overall 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 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 1569  
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 and Oil Resistant II  
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	45	3-#14	0.57	50	0.67	332	25
VFDAP12/3	12	7	45	3-#14	0.63	50	0.73	389	30
VFDAP10/3	10	7	45	3-#14	0.67	50	0.77	449	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.