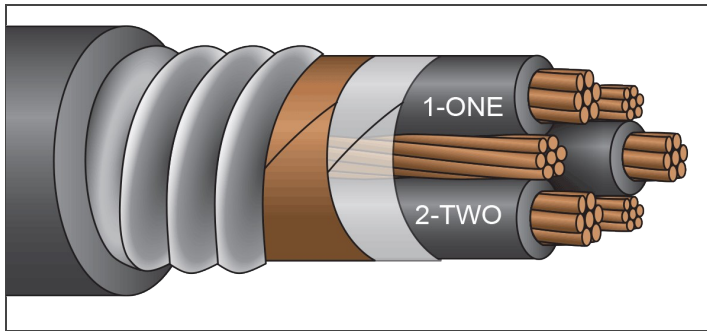


SERVICEDRIVE®



**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 shielded with 5-mil copper tape, helically applied with 50% overlap for 100% coverage and double tape thickness throughout the cable. Shielded core covered with aluminum interlocked armor with overall black PVC jacket. **Available in 1kV or 2kV and ServiceCPE 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 44 and UL 1569  
NFPA 79 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

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