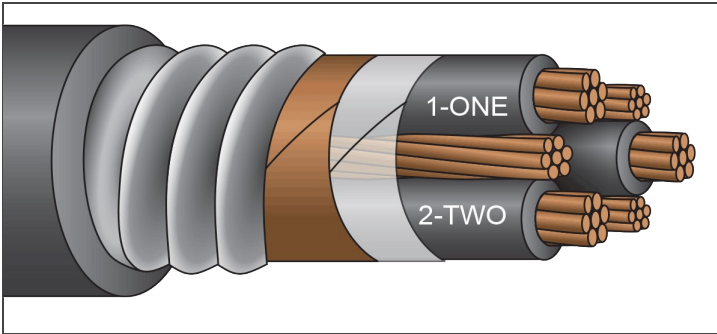


SERVICEDRIVE®



**VFD CABLE (ACWU90)
RW90/PVC**

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 RW90 1kV), phase identified and cabled with suitable fillers and 3 symmetrical bare copper ground conductors. Cable core covered with binder tape, 5-mil helical copper tape shield, aluminum or galvanized steel interlocked armor with overall black PVC jacket. **Available with CPE jacket. Available with 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:

CSA C22.2 #51/#174
ICEA S-95-658/NEMA WC-70
Flame Rated: IEEE 383 (70,000 BTU), IEEE 1202/CSA FT-4,
UL 1685, Two-hour Firewall
Temperature Rated at 90°C Wet/Dry
Sunlight Resistant
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)	Diameter Over Armor (in.)	Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity** (30°C ambient) 90°C Wet/Dry
VFDGP1K6/3	6	7	60	3-#12	0.87	50	0.97	759	75
VFDGP1K4/3	4	7	60	3-#10	0.99	50	1.09	1,018	95
VFDGP1K3/3	3	7	60	3-#10	1.03	50	1.13	1,150	110
VFDGP1K2/3	2	7	60	3-#10	1.09	50	1.19	1,321	130
VFDGP1K1/3	1	19	80	3-#10	1.33	50	1.43	1,733	150
VFDGP1K1/03	1/0	19	80	3-#10	1.41	50	1.51	2,018	170
VFDGP1K2/03	2/0	19	80	3-#10	1.51	60	1.63	2,390	195
VFDGP1K3/03	3/0	19	80	3-#8	1.61	60	1.73	2,862	225
VFDGP1K4/03	4/0	19	80	3-#8	1.75	60	1.87	3,391	260
VFDGP1K250/3	250	37	95	3-#8	1.87	60	1.99	3,985	290
VFDGP1K350/3	350	37	95	3-#6	2.09	60	2.21	5,237	350
VFDGP1K500/3	500	37	95	3-#6	2.35	75	2.50	7,000	430
VFDGP1K600/3	600	61	110	3-#6	2.69	75	2.84	8,359	475
VFDGP1K750/3	750	61	110	3-#4	2.89	75	3.04	10,149	535

**Per NEC Table 310.15 (B)(16).

NOTE: The data shown is approximate and subject to standard industry tolerances.