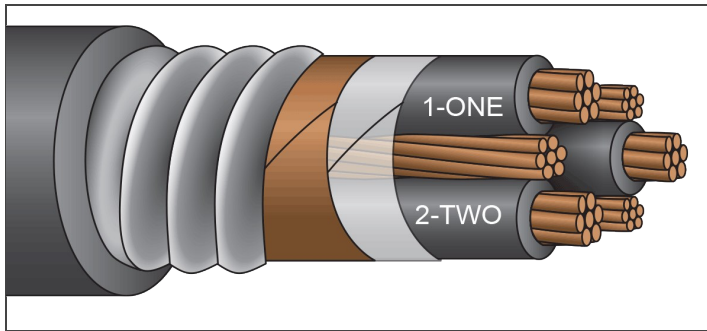


SERVICEDRIVE®



## VFD JACKETED MC (ACWU90) RWU90/CPE 1,000 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. Shielded core covered with galvanized steel interlocked armor with overall black CPE jacket. **Available with PVC or EnviroPlus® (LSZH jacket). Available with 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, CSA C22.2 #51  
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, Cold Temperature Rated at -40°C  
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
VFD2KGC14/3	14†	7	60	(3) #14	0.63	50	0.73	376	25
VFD2KGC12/3	12†	7	60	(3) #14	0.67	50	0.77	426	30
VFD2KGC10/3	10†	7	60	(3) #14	0.73	50	0.83	496	40
VFD2KGC8/3	8†	7	80	(3) #14	0.87	50	0.97	658	55
VFD2KGC6/3	6	7	80	(3) #12	0.95	50	1.05	836	75
VFD2KGC4/3	4	7	80	(3) #12	1.07	50	1.17	1,064	95
VFD2KGC3/3	3	7	80	(3) #10	1.11	50	1.21	1,234	110
VFD2KGC2/3	2	7	80	(3) #10	1.23	50	1.33	1,416	130
VFD2KGC1/3	1	19	95	(3) #10	1.37	50	1.47	1,806	150
VFD2KGC1/03	1/0	19	95	(3) #10	1.47	60	1.57	2,093	170
VFD2KGC2/03	2/0	19	95	(3) #10	1.57	60	1.69	2,470	195
VFD2KGC3/03	3/0	19	95	(3) #8	1.67	60	1.79	2,945	225
VFD2KGC4/03	4/0	19	95	(3) #8	1.81	60	1.93	3,478	260
VFD2KGC250/3	250	37	110	(3) #8	1.93	60	2.05	4,088	290
VFD2KGC350/3	350	37	110	(3) #6	2.17	60	2.29	5,359	350
VFD2KGC500/3	500	37	110	(3) #6	2.41	75	2.56	7,126	430
VFD2KGC600/3	600	61	125	(3) #6	2.65	75	2.80	8,372	475
VFD2KGC750/3	750	61	125	(3) #4	2.85	75	3.00	10,144	535

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