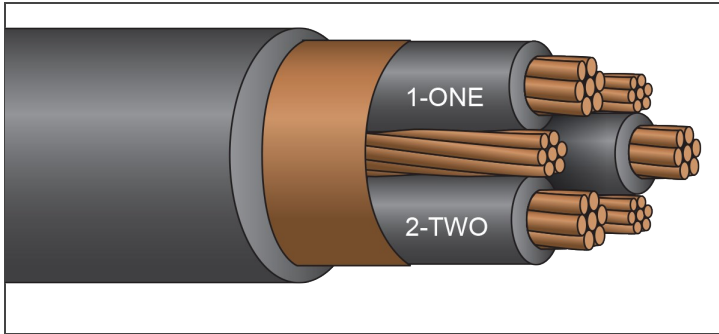


**SERVICEDRIVE®**



**VFD TRAY CABLE**  
**RHW-2/PVC, Shielded**  
2,000 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 covered with 5-mil helical copper tape shield and overall black PVC jacket. **Available with CPE or EnviroPlus® (LSZH) jacket. Available with 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 1277  
NFPA79 Flexible Motor Supply Cable  
ICEA S-95-658/NEMA WC-70  
Exposed Runs Rated (*TC-ER*) (#4 AWG and larger)  
Flame Rated: IEEE 383 (70,000 BTU), IEEE 1202/CSA FT-4,  
ICEA T-29-520 (210,000 BTU) (1/0 AWG and larger),  
Two-hour Firewall  
Temperature Rated at 90°C Wet/Dry  
Sunlight Resistant, Gasoline and Oil Resistant II Jacket  
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)	Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity** (30°C ambient) 90°C Wet/Dry
VFD2KTCP14/3	14	7	60	(3) #14	60	0.55	218	25
VFD2KTCP12/3	12	7	60	(3) #14	60	0.59	258	30
VFD2KTCP10/3	10	7	60	(3) #14	60	0.64	311	40
VFD2KTCP8/3	8	7	80	(3) #14	60	0.79	444	55
VFD2KTCP6/3	6	7	85	(3) #12	80	0.93	654	75
VFD2KTCP4/3	4	7	85	(3) #12	80	1.04	861	95
VFD2KTCP3/3	3	7	85	(3) #10	80	1.09	1,026	115
VFD2KTCP2/3	2	7	85	(3) #10	80	1.15	1,197	130
VFD2KTCP1/3	1	19	105	(3) #10	80	1.31	1,482	145
VFD2KTCP1/03	1/0	19	105	(3) #10	80	1.40	1,749	170
VFD2KTCP2/03	2/0	19	105	(3) #10	80	1.49	2,077	195
VFD2KTCP3/03	3/0	19	105	(3) #8	80	1.60	2,534	225
VFD2KTCP4/03	4/0	19	105	(3) #8	110	1.78	3,142	260
VFD2KTCP250/3	250	37	120	(3) #8	110	1.92	3,614	290
VFD2KTCP350/3	350	37	120	(3) #6	110	2.13	4,822	350
VFD2KTCP500/3	500	37	120	(3) #6	110	2.40	6,474	430
VFD2KTCP600/3	600	61	135	(3) #6	110	2.63	7,659	475
VFD2KTCP750/3	750	61	135	(3) #4	140	2.90	9,577	535

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