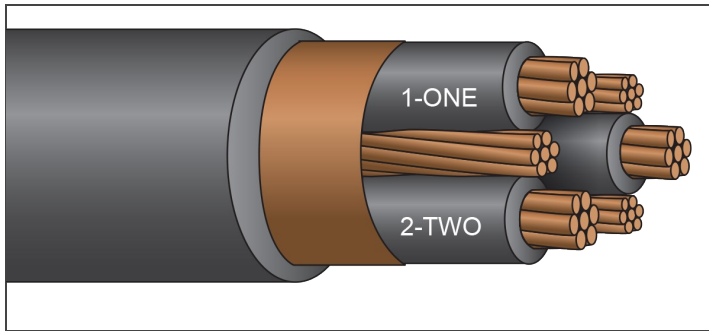


**SERVICEDRIVE®**



**VFD TRAY CABLE**  
**RWU90/PVC, Shielded**  
**1,000 Volt Copper**



**Description:**

Three copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (*type RWU90*), 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. Standard construction with 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:**

CSA C22.2 #230 TC  
ICEA S-95-658/NEMA WC-70  
Exposed Runs Rated (*TC-ER*)  
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 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	208	25
VFD2KTCP12/3	12	7	60	(3) #14	60	0.59	245	30
VFD2KTCP10/3	10	7	60	(3) #14	60	0.64	295	40
VFD2KTCP8/3	8	7	80	(3) #14	60	0.79	415	55
VFD2KTCP6/3	6	7	80	(3) #12	80	0.91	638	75
VFD2KTCP4/3	4	7	80	(3) #12	80	1.02	843	95
VFD2KTCP3/3	3	7	80	(3) #10	80	1.07	1,007	115
VFD2KTCP2/3	2	7	80	(3) #10	80	1.13	1,177	130
VFD2KTCP1/3	1	19	95	(3) #10	80	1.27	1,439	145
VFD2KTCP1/03	1/0	19	95	(3) #10	80	1.35	1,703	170
VFD2KTCP2/03	2/0	19	95	(3) #10	80	1.45	2,028	195
VFD2KTCP3/03	3/0	19	95	(3) #8	80	1.55	2,481	225
VFD2KTCP4/03	4/0	19	95	(3) #8	110	1.74	3,083	260
VFD2KTCP250/3	250	37	110	(3) #8	110	1.88	3,553	290
VFD2KTCP350/3	350	37	110	(3) #6	110	2.09	4,753	350
VFD2KTCP500/3	500	37	110	(3) #6	110	2.36	6,396	430
VFD2KTCP600/3	600	61	125	(3) #6	110	2.58	7,575	475
VFD2KTCP750/3	750	61	125	(3) #4	140	2.81	9,441	535

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