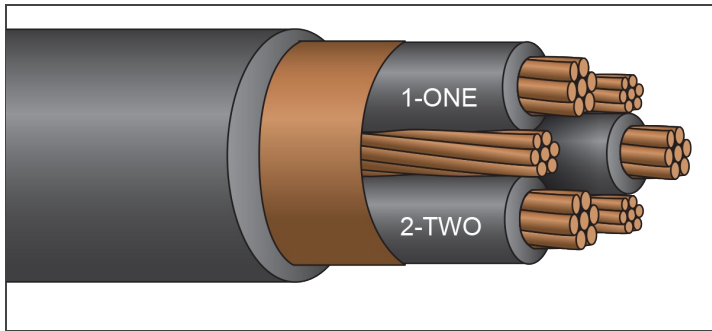


SERVICEDRIVE®



VFD TRAY CABLE

RWU90/PVC, Shielded

1,000/2,000 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
VFD2KTCP1/0/3	1/0	19	95	(3) #10	80	1.35	1,703	170
VFD2KTCP2/0/3	2/0	19	95	(3) #10	80	1.45	2,028	195
VFD2KTCP3/0/3	3/0	19	95	(3) #8	80	1.55	2,481	225
VFD2KTCP4/0/3	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.