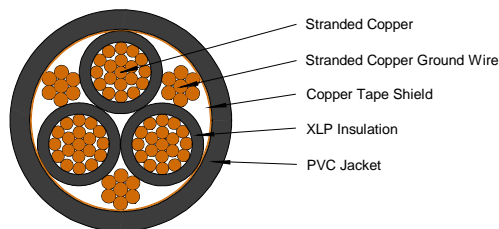


basic wire and cable

3900 N. ROCKWELL ST. CHICAGO, ILLINOIS 60618-3730, TEL: (773) 539-1800, FAX: (773) 539-3500

TYPE VFD POWER CABLE, SHIELDED

Three Conductors w/Three Grounds
XLP Insulation
Copper Tape Shield
PVC Jacket
600 Volt, 90°C Wet/Dry



APPLICATIONS:

Shielded power cables for important circuits in industrial plants and station control cable for electric utilities in fossil fueled or nuclear generating stations. Suitable for the operation and interconnection of protective devices; rated circuit voltage 600 volts; recommended for operation at 90°C continuous conductor temperature in dry or wet locations; approved for installation in cable trays per Article 336 of the NEC, and for use in NEC Hazardous Locations: Class I - Div 2, Class II - Div 2, and Class III, Div 1 and 2. Cables may be installed in open air, in ducts or conduits, in tray or trough, and are suitable for direct burial. Suitable for variable frequency drive applications. VFD cables are designed to reduce cable failure, the cross talk, stray currents, and bearing damage due to common mode currents.

CONSTRUCTION:

Stranded copper conductors, XLP (Cross-Linked Polyethylene) insulated, Method 4 phase-identified; three insulated conductors cabled with one stranded copper grounding conductor in each of the interstices and each in contact with helically applied copper tape shield, black PVC (Polyvinyl Chloride) jacket overall, surface printed.

STANDARDS:

1. Copper conductors conform to ASTM B-3 & B-8.
2. Individual conductors conform to UL Standard 44, and are approved as Type XHHW-2.
3. TC Type Tray Cable per UL 1277.
4. Cables suitable for sunlight resistant and direct burial applications.
5. Cables pass IEEE-383 and IEEE-1202 flame tests.
6. Cables meet requirements of ICEA S-95-658/NEMA WC70.

600 VOLT, 90°C, SHIELDED, THREE CONDUCTORS WITH THREE GROUNDS

BASIC CAT NO.	SIZE/ AWG. KCMIL	O.D. in.	GRD. COND. SIZE/AWG.	WEIGHT lbs/mft
6-3000	14	.40	3#18	135
6-3001	12	.44	3#16	180
6-3002	10	.49	3#14	255
6-3003	8	.65	3#14	390
6-3004	6	.74	3#12	510
6-3005	4	.86	3#12	735
6-3006	3	.91	3#10	875
6-3007	2	1.00	3#10	1100
6-3008	1	1.12	3#6	1380
6-3009	1/0	1.21	3#6	1590
6-3010	2/0	1.30	3#6	1895
6-3011	3/0	1.43	3#4	2430
6-3012	4/0	1.53	3#4	2905
6-3013	250	1.75	3#4	3420
6-3014	300	1.85	3#3	3900
6-3015	350	1.96	3#2	4565
6-3016	400	2.07	3#2	5070
6-3017	500	2.24	3#1	6280
6-3018	600	2.48	3#1/0	8005
6-3019	750	2.78	3#2/0	10000
6-3020	1000	3.08	3#2/0	12915

OPTIONS: Also available with CPE (-CP), CSPE (-CS), and LSZH (-LS) jackets, 600V; CPE (-1P), CSPE (-1S), and LSZH (-1L) jackets, 1000V; or with flexible stranding, 600V (-FX) and 1000V (-1F).

Dimensional data not binding. We reserve the right to alter specifications without notice.
SHIPPING TOLERANCE +/- 10%

