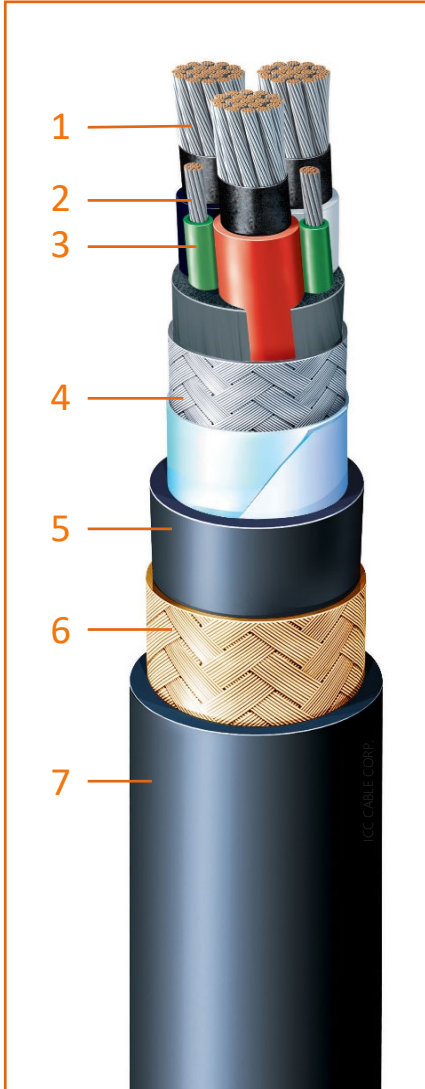


2KV TYPE P FLEXIBLE VFD ARMORED AND SHEATHED POWER CABLE



PRODUCT DESCRIPTION

2KV VARIABLE FREQUENCY DRIVE (VFD) POWER CABLE
125°C TEMPERATURE RATING
OIL, ABRASION, MOISTURE, PETROCHEMICAL
AND SUNLIGHT RESISTANT
ABS APPROVED
ETL, UL LISTED

PRODUCT CONSTRUCTION

1. CONDUCTOR

FLEXIBLE STRANDED TINNED ANNEALED COPPER WIRE

2. INSULATION

CROSS-LINKED FLAME RETARDANT POLYOLEFIN (XLPO)
COLOR CODE: IEEE 1580 TABLE 22

3. GROUND CONDUCTOR

FLEXIBLE STRANDED TINNED COPPER WIRE (X3)

4. OVERALL BRAID SHIELD (OBS)

TINNED COPPER WIRE BRAID WITH AL/PS TAPE

5. JACKET

THERMOSETTING NEOPRENE (TYPE N)

6. ARMOR

BRONZE WIRE BRAID PER IEEE 1580

7. SHEATH

THERMOSETTING NEOPRENE (TYPE N)
BLACK COLOR



STANDARDS

- IEEE 45 (2004), IEEE 1580 (2010), UL 1309 (2011)
- TYPE P INSULATION: IEEE 1580, UL 1309 TYPE X110
- TYPE N SHEATH: IEEE 1580, UL 1309
- FLAME RETARDANT: IEEE 1202, IEC 60332-3 CAT. A
- FIRE RESISTANT: IEC 60331-1/2/21 (OPTIONAL)
- COLD BEND/IMPACT: CSA 22.2 NO. 03 (-40°C/-35°C)



IEEE 1580 TYPE P CABLE

2KV TYPE P FLEXIBLE VFD ARMORED AND SHEATHED POWER CABLE

PART NO.	2000V VFD POWER CABLE		UNARMORED				ARMORED AND SHEATHED (BS)				AMPACITY			
	CONDUCTOR	GROUND	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT		95°C	100°C	110°C	125°C
	SIZE (AWG/KCMIL)	SIZE (AWG)	INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM				
P-3C14(OBS)VFD-2KV	14	3G x 18	0.713	18.1	376	560	0.969	24.6	672	1000	22	25	27	28
P-3C12(OBS)VFD-2KV	12	3G x 16	0.756	19.2	430	640	1.012	25.7	739	1100	27	31	33	37
P-3C10(OBS)VFD-2KV	10	3G x 14	0.815	20.7	531	790	1.071	27.2	860	1280	36	41	43	49
P-3C8(OBS)VFD-2KV	8	3G x 12	0.976	24.8	726	1080	1.232	31.3	1109	1650	48	52	55	63
P-3C6(OBS)VFD-2KV	6	3G x 12	1.055	26.8	900	1340	1.311	33.3	1317	1960	64	70	74	91
P-3C4(OBS)VFD-2KV	4	3G x 10	1.256	31.9	1257	1870	1.512	38.4	1740	2590	85	92	95	126
P-3C2(OBS)VFD-2KV	2	3G x 10	1.350	34.3	1546	2300	1.606	40.8	2063	3070	113	122	126	161
P-3C1(OBS)VFD-2KV	1	3G x 10	1.449	36.8	1935	2880	1.764	44.8	2601	3870	131	143	149	202
P-3C1/0(OBS)VFD-2KV	1/0	3G x 10	1.551	39.4	2265	3370	1.866	47.4	2970	4420	152	164	171	229
P-3C2/0(OBS)VFD-2KV	2/0	3G x 8	1.654	42.0	3259	4850	1.969	50.0	3414	5080	175	188	197	254
P-3C3/0(OBS)VFD-2KV	3/0	3G x 8	1.846	46.9	3568	5310	2.161	54.9	4086	6080	202	218	229	313
P-3C4/0(OBS)VFD-2KV	4/0	3G x 6	1.992	50.6	3877	5770	2.307	58.6	4764	7090	235	252	264	354
P-3C262(OBS)VFD-2KV	262	3G x 6	2.161	54.9	4637	6900	2.476	62.9	5597	8330	262	294	311	395
P-3C313(OBS)VFD-2KV	313	3G x 6	2.307	58.6	5335	7940	2.622	66.6	6357	9460	295	321	340	442
P-3C373(OBS)VFD-2KV	373	3G x 6	2.449	62.2	6095	9070	2.823	71.7	7345	10930	332	361	378	492
P-3C444(OBS)VFD-2KV	444	3G x 4	2.610	66.3	7029	10460	2.984	75.8	8359	12440	362	411	435	549
P-3C535(OBS)VFD-2KV	535	3G x 4	2.917	74.1	8514	12670	3.291	83.6	9992	14870	412	443	464	608
P-3C646(OBS)VFD-2KV	646	3G x 4	3.102	78.8	9932	14780	3.476	88.3	11497	17110	468	516	540	678
P-3C777(OBS)VFD-2KV	777	3G x 4	3.291	83.6	11524	17150	3.665	93.1	13184	19620	523	562	588	750

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
 CABLE OD AND WEIGHT ARE NOMINAL SUBJECT TO INDUSTRY TOLERANCES
 AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 95°C PER ABS MODU RULES TABLE 6, 100°C & 110°C PER IEEE 45 TABLE 25, 125°C PER IEEE 835