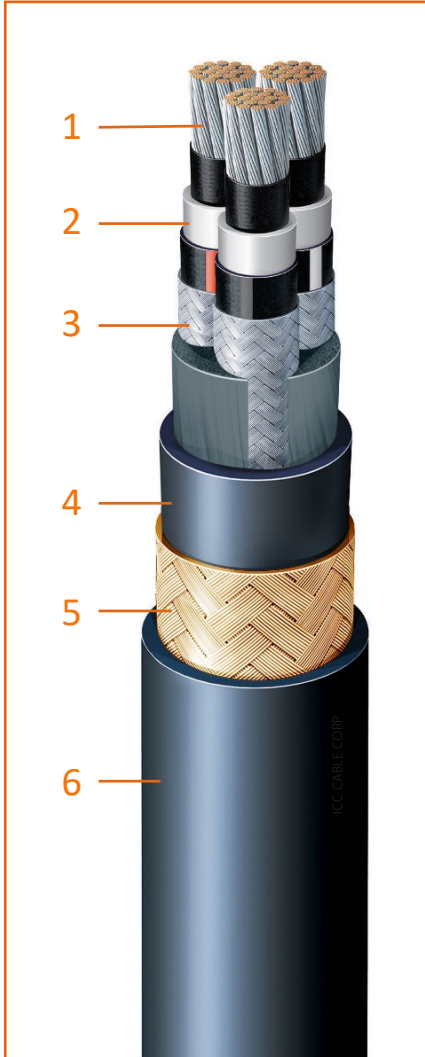


MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV ARMORED AND SHEATHED CABLE



PRODUCT DESCRIPTION

5KV, 8KV, 15KV MEDIUM POWER CABLE
100% & 133% INSULATION LEVELS
90°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

ETHYLENE PROPYLENE RUBBER (EPR)

3. INSULATION SHIELD

NON-METALIC SHIELD: SEMI-CONDUCTING TYPE
METALIC SHIELD: TINNED ANNEALED COPPER WIRE BRAID

4. JACKET

THERMOSETTING NEOPRENE (TYPE N)

5. ARMOR

BRONZE WIRE BRAID PER IEEE 1580

6. SHEATH

THERMOSETTING NEOPRENE (TYPE N)
BLACK COLOR



STANDARDS

- IEEE 45 (2004), IEEE 1580 (2010), UL 1309 (2011)
- TYPE E INSULATION: IEEE 1580, UL 1072, UL 1309
- TYPE N SHEATH: IEEE 1580, UL 1309
- FLAME RETARDANT: IEEE 1202, IEC 60332-3 CAT. A
- COLD BEND/IMPACT: CSA 22.2 NO. 03 (-40°C/-35°C)



IEEE 1580 TYPE P CABLE

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV ARMORED AND SHEATHED CABLE

5KV, SINGLE, SHILED 100% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF CORES	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-1C8SEN(100)5KV	1	8	0.622	15.8	262	390	0.819	20.8	477	710
P-1C6SEN(100)5KV	1	6	0.665	16.9	316	470	0.902	22.9	578	860
P-1C4SEN(100)5KV	1	4	0.748	19.0	417	620	0.984	25.0	712	1060
P-1C2SEN(100)5KV	1	2	0.795	20.2	497	740	1.031	26.2	806	1200
P-1C1SEN(100)5KV	1	1	0.898	22.8	645	960	1.134	28.8	988	1470
P-1C1/0SEN(100)5KV	1	1/0	0.945	24.0	746	1110	1.181	30.0	1109	1650
P-1C2/0SEN(100)5KV	1	2/0	0.992	25.2	874	1300	1.228	31.2	1250	1860
P-1C3/0SEN(100)5KV	1	3/0	1.051	26.7	1001	1490	1.287	32.7	1398	2080
P-1C4/0SEN(100)5KV	1	4/0	1.118	28.4	1183	1760	1.354	34.4	1606	2390
P-1C262SEN(100)5KV	1	262	1.181	30.0	1371	2040	1.417	36.0	1814	2700
P-1C313SEN(100)5KV	1	313	1.248	31.7	1572	2340	1.484	37.7	2043	3040
P-1C373SEN(100)5KV	1	373	1.315	33.4	1801	2680	1.551	39.4	2291	3410
P-1C444SEN(100)5KV	1	444	1.390	35.3	2083	3100	1.626	41.3	2594	3860
P-1C535SEN(100)5KV	1	535	1.472	37.4	2412	3590	1.768	44.9	3064	4560
P-1C646SEN(100)5KV	1	646	1.559	39.6	2789	4150	1.854	47.1	3474	5170
P-1C777SEN(100)5KV	1	777	1.646	41.8	3266	4860	1.941	49.3	3985	5930
P-1C1111SEN(100)5KV	1	1111	1.909	48.5	4543	6760	2.205	56.00	5369	7990

5KV, SINGLE, SHILED 133% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-1C8SEN(133)5KV	1	8	0.673	17.1	296	440	0.909	23.1	564	840
P-1C6SEN(133)5KV	1	6	0.713	18.1	349	520	0.949	24.1	632	940
P-1C4SEN(133)5KV	1	4	0.795	20.2	457	680	1.031	26.2	766	1140
P-1C2SEN(133)5KV	1	2	0.886	22.5	578	860	1.122	28.5	921	1370
P-1C1SEN(133)5KV	1	1	0.945	24.0	692	1030	1.181	30.0	1055	1570
P-1C1/0SEN(133)5KV	1	1/0	0.992	25.2	793	1180	1.228	31.2	1169	1740
P-1C2/0SEN(133)5KV	1	2/0	1.039	26.4	921	1370	1.276	32.4	1310	1950
P-1C3/0SEN(133)5KV	1	3/0	1.102	28.0	1055	1570	1.339	34.0	1472	2190
P-1C4/0SEN(133)5KV	1	4/0	1.169	29.7	1243	1850	1.406	35.7	1680	2500
P-1C262SEN(133)5KV	1	262	1.228	31.2	1425	2120	1.465	37.2	1882	2800
P-1C313SEN(133)5KV	1	313	1.295	32.9	1633	2430	1.531	38.9	2117	3150
P-1C373SEN(133)5KV	1	373	1.362	34.6	1861	2770	1.598	40.6	2372	3530
P-1C444SEN(133)5KV	1	444	1.437	36.5	2144	3190	1.732	44.0	2782	4140
P-1C535SEN(133)5KV	1	535	1.520	38.6	2480	3690	1.815	46.1	3152	4690
P-1C646SEN(133)5KV	1	646	1.606	40.8	2863	4260	1.902	48.3	3568	5310
P-1C777SEN(133)5KV	1	777	1.752	44.5	3440	5120	2.047	52.0	4213	6270
P-1C1111SEN(133)5KV	1	1111	1.957	49.7	4630	6890	2.252	57.2	5477	8150

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES

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844-ICC-WIRE



IEEE 1580 TYPE P CABLE

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV ARMORED AND SHEATHED CABLE

5KV, THREE CONDUCTOR, SHILED 100% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-3C8SEN(100)5KV	3	8	1.228	31.2	968	1440	1.465	37.2	1425	2120
P-3C6SEN(100)5KV	3	6	1.323	33.6	1163	1730	1.559	39.6	1660	2470
P-3C4SEN(100)5KV	3	4	1.500	38.1	1539	2290	1.795	45.6	2204	3280
P-3C2SEN(100)5KV	3	2	1.602	40.7	1841	2740	1.898	48.2	2547	3790
P-3C1SEN(100)5KV	3	1	1.787	45.4	2332	3470	2.083	52.9	3118	4640
P-3C1/0SEN(100)5KV	3	1/0	1.890	48.0	2695	4010	2.185	55.5	3521	5240
P-3C2/0SEN(100)5KV	3	2/0	1.992	50.6	3131	4660	2.287	58.1	3998	5950
P-3C3/0SEN(100)5KV	3	3/0	2.118	53.8	3608	5370	2.413	61.3	4522	6730
P-3C4/0SEN(100)5KV	3	4/0	2.264	57.5	4267	6350	2.559	65.0	5241	7800
P-3C262SEN(100)5KV	3	262	2.402	61.0	4919	7320	2.697	68.5	5947	8850
P-3C313SEN(100)5KV	3	313	2.543	64.6	5645	8400	2.898	73.6	6908	10280
P-3C373SEN(100)5KV	3	373	2.689	68.3	6451	9600	3.043	77.3	7788	11590
P-3C444SEN(100)5KV	3	444	2.909	73.9	7613	11330	3.264	82.9	9051	13470
P-3C535SEN(100)5KV	3	535	3.087	78.4	8789	13080	3.441	87.4	10308	15340
P-3C646SEN(100)5KV	3	646	3.272	83.1	10127	15070	3.626	92.1	11739	17470
P-3C777SEN(100)5KV	3	777	3.461	87.9	11780	17530	3.815	96.9	13473	20050
P-3C1111SEN(100)5KV	3	1111	3.902	99.1	15832	23560	4.256	108.1	17740	26400

5KV, THREE CONDUCTOR, SHILED 133% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-3C8SEN(133)5KV	3	8	1.339	34.0	1109	1650	1.575	40.0	1613	2400
P-3C6SEN(133)5KV	3	6	1.425	36.2	1310	1950	1.661	42.2	1841	2740
P-3C4SEN(133)5KV	3	4	1.602	40.7	1707	2540	1.898	48.2	2412	3590
P-3C2SEN(133)5KV	3	2	1.764	44.8	2123	3160	2.059	52.3	2896	4310
P-3C1SEN(133)5KV	3	1	1.890	48.0	2527	3760	2.185	55.5	3353	4990
P-3C1/0SEN(133)5KV	3	1/0	1.992	50.6	2896	4310	2.287	58.1	3763	5600
P-3C2/0SEN(133)5KV	3	2/0	2.094	53.2	3346	4980	2.390	60.7	4254	6330
P-3C3/0SEN(133)5KV	3	3/0	2.228	56.6	3844	5720	2.524	64.1	4805	7150
P-3C4/0SEN(133)5KV	3	4/0	2.374	60.3	4516	6720	2.669	67.8	5537	8240
P-3C262SEN(133)5KV	3	262	2.500	63.5	5161	7680	2.854	72.5	6404	9530
P-3C313SEN(133)5KV	3	313	2.646	67.2	5913	8800	3.000	76.2	7224	10750
P-3C373SEN(133)5KV	3	373	2.850	72.4	6908	10280	3.205	81.4	8319	12380
P-3C444SEN(133)5KV	3	444	3.012	76.5	7916	11780	3.366	85.5	9401	13990
P-3C535SEN(133)5KV	3	535	3.189	81.0	9105	13550	3.543	90.0	10678	15890
P-3C646SEN(133)5KV	3	646	3.374	85.7	10463	15570	3.728	94.7	12122	18040
P-3C777SEN(133)5KV	3	777	3.563	90.5	12136	18060	3.917	99.5	13876	20650

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV ARMORED AND SHEATHED CABLE

8KV, SINGLE, SHILED 100% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF CORES	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-1C6SEN(100)8KV	1	6	0.720	18.3	356	530	0.965	24.5	645	960
P-1C4SEN(100)8KV	1	4	0.803	20.4	464	690	1.051	26.7	786	1170
P-1C2SEN(100)8KV	1	2	0.894	22.7	585	870	1.142	29.0	941	1400
P-1C1SEN(100)8KV	1	1	0.953	24.2	699	1040	1.205	30.6	1082	1610
P-1C1/0SEN(100)8KV	1	1/0	1.000	25.4	800	1190	1.252	31.8	1203	1790
P-1C2/0SEN(100)8KV	1	2/0	1.047	26.6	927	1380	1.299	33.0	1344	2000
P-1C3/0SEN(100)8KV	1	3/0	1.110	28.2	1062	1580	1.362	34.6	1505	2240
P-1C4/0SEN(100)8KV	1	4/0	1.177	29.9	1250	1860	1.433	36.4	1720	2560
P-1C262SEN(100)8KV	1	262	1.236	31.4	1431	2130	1.492	37.9	1929	2870
P-1C313SEN(100)8KV	1	313	1.303	33.1	1640	2440	1.559	39.6	2157	3210
P-1C373SEN(100)8KV	1	373	1.370	34.8	1875	2790	1.630	41.4	2419	3600
P-1C444SEN(100)8KV	1	444	1.445	36.7	2157	3210	1.768	44.9	2842	4230
P-1C535SEN(100)8KV	1	535	1.528	38.8	2486	3700	1.850	47.0	3219	4790
P-1C646SEN(100)8KV	1	646	1.614	41.0	2876	4280	1.937	49.2	3635	5410
P-1C777SEN(100)8KV	1	777	1.760	44.7	3454	5140	2.087	53.0	4294	6390
P-1C1111SEN(100)8KV	1	1111	1.965	49.9	4643	6910	2.295	58.3	5577	8300

8KV, SINGLE, SHILED 133% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-1C6SEN(133)8KV	1	6	0.772	19.6	396	590	1.020	25.9	706	1050
P-1C4SEN(133)8KV	1	4	0.898	22.8	544	810	1.146	29.1	900	1340
P-1C2SEN(133)8KV	1	2	0.945	24.0	632	940	1.197	30.4	1015	1510
P-1C1SEN(133)8KV	1	1	1.004	25.5	746	1110	1.256	31.9	1149	1710
P-1C1/0SEN(133)8KV	1	1/0	1.051	26.7	847	1260	1.303	33.1	1270	1890
P-1C2/0SEN(133)8KV	1	2/0	1.098	27.9	981	1460	1.350	34.3	1418	2110
P-1C3/0SEN(133)8KV	1	3/0	1.161	29.5	1115	1660	1.417	36.0	1586	2360
P-1C4/0SEN(133)8KV	1	4/0	1.228	31.2	1304	1940	1.484	37.7	1801	2680
P-1C262SEN(133)8KV	1	262	1.287	32.7	1492	2220	1.543	39.2	2002	2980
P-1C313SEN(133)8KV	1	313	1.354	34.4	1707	2540	1.614	41.0	2251	3350
P-1C373SEN(133)8KV	1	373	1.421	36.1	1935	2880	1.681	42.7	2506	3730
P-1C444SEN(133)8KV	1	444	1.496	38.0	2224	3310	1.819	46.2	2937	4370
P-1C535SEN(133)8KV	1	535	1.579	40.1	2560	3810	1.902	48.3	3313	4930
P-1C646SEN(133)8KV	1	646	1.665	42.3	2950	4390	1.992	50.6	3743	5570
P-1C777SEN(133)8KV	1	777	1.811	46.0	3541	5270	2.138	54.3	4401	6550
P-1C1111SEN(133)8KV	1	1111	2.016	51.2	4731	7040	2.346	59.6	5692	8470

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV ARMORED AND SHEATHED CABLE

8KV, THREE CONDUCTOR, SHILED 100% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-3C6SEN(100)8KV	3	6	1.441	36.6	1337	1990	1.764	44.8	2023	3010
P-3C4SEN(100)8KV	3	4	1.618	41.1	1734	2580	1.941	49.3	2500	3720
P-3C2SEN(100)8KV	3	2	1.780	45.2	2150	3200	2.106	53.5	2997	4460
P-3C1SEN(100)8KV	3	1	1.909	48.5	2567	3820	2.240	56.9	3481	5180
P-3C1/0SEN(100)8KV	3	1/0	2.008	51.0	2930	4360	2.339	59.4	3884	5780
P-3C2/0SEN(100)8KV	3	2/0	2.110	53.6	3380	5030	2.445	62.1	4388	6530
P-3C3/0SEN(100)8KV	3	3/0	2.248	57.1	3884	5780	2.587	65.7	4973	7400
P-3C4/0SEN(100)8KV	3	4/0	2.390	60.7	4549	6770	2.728	69.3	5698	8480
P-3C262SEN(100)8KV	3	262	2.520	64.0	5208	7750	2.925	74.3	6612	9840
P-3C313SEN(100)8KV	3	313	2.661	67.6	5954	8860	3.067	77.9	7432	11060
P-3C373SEN(100)8KV	3	373	2.866	72.8	6948	10340	3.280	83.3	8561	12740
P-3C444SEN(100)8KV	3	444	3.028	76.9	7963	11850	3.441	87.4	9663	14380
P-3C535SEN(100)8KV	3	535	3.205	81.4	9152	13620	3.622	92.0	10967	16320
P-3C646SEN(100)8KV	3	646	3.394	86.2	10530	15670	3.815	96.9	12458	18540
P-3C777SEN(100)8KV	3	777	3.579	90.9	12183	18130	4.004	101.7	14232	21180

8KV, THREE CONDUCTOR, SHILED 133% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-3C6SEN(133)8KV	3	6	1.551	39.4	1498	2230	1.874	47.6	2238	3330
P-3C4SEN(133)8KV	3	4	1.787	45.4	2023	3010	2.114	53.7	2876	4280
P-3C2SEN(133)8KV	3	2	1.890	48.0	2352	3500	2.220	56.4	3252	4840
P-3C1SEN(133)8KV	3	1	2.020	51.3	2782	4140	2.354	59.8	3750	5580
P-3C1/0SEN(133)8KV	3	1/0	2.118	53.8	3152	4690	2.453	62.3	4166	6200
P-3C2/0SEN(133)8KV	3	2/0	2.220	56.4	3608	5370	2.559	65.0	4684	6970
P-3C3/0SEN(133)8KV	3	3/0	2.358	59.9	4133	6150	2.697	68.5	5268	7840
P-3C4/0SEN(133)8KV	3	4/0	2.500	63.5	4811	7160	2.906	73.8	6209	9240
P-3C262SEN(133)8KV	3	262	2.630	66.8	5483	8160	3.035	77.1	6948	10340
P-3C313SEN(133)8KV	3	313	2.831	71.9	6411	9540	3.240	82.3	7990	11890
P-3C373SEN(133)8KV	3	373	2.976	75.6	7257	10800	3.390	86.1	8930	13290
P-3C444SEN(133)8KV	3	444	3.138	79.7	8285	12330	3.555	90.3	10059	14970
P-3C535SEN(133)8KV	3	535	3.315	84.2	9495	14130	3.736	94.9	11383	16940
P-3C646SEN(133)8KV	3	646	3.504	89.0	10893	16210	3.929	99.8	12895	19190
P-3C777SEN(133)8KV	3	777	3.689	93.7	12566	18700	4.118	104.6	14683	21850

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV ARMORED AND SHEATHED CABLE

15KV, SINGLE, SHILED 100% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF CORES	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-1C2SEN(100)15KV	1	2	1.031	26.2	712	1060	1.283	32.6	1122	1670
P-1C1SEN(100)15KV	1	1	1.091	27.7	833	1240	1.343	34.1	1263	1880
P-1C1/0SEN(100)15KV	1	1/0	1.138	28.9	941	1400	1.394	35.4	1398	2080
P-1C2/0SEN(100)15KV	1	2/0	1.185	30.1	1068	1590	1.441	36.6	1546	2300
P-1C3/0SEN(100)15KV	1	3/0	1.244	31.6	1210	1800	1.500	38.1	1707	2540
P-1C4/0SEN(100)15KV	1	4/0	1.311	33.3	1404	2090	1.567	39.8	1929	2870
P-1C262SEN(100)15KV	1	262	1.374	34.9	1599	2380	1.634	41.5	2150	3200
P-1C313SEN(100)15KV	1	313	1.441	36.6	1814	2700	1.764	44.8	2506	3730
P-1C373SEN(100)15KV	1	373	1.508	38.3	2056	3060	1.831	46.5	2769	4120
P-1C444SEN(100)15KV	1	444	1.583	40.2	2345	3490	1.906	48.4	3098	4610
P-1C535SEN(100)15KV	1	535	1.665	42.3	2688	4000	1.992	50.6	3481	5180
P-1C646SEN(100)15KV	1	646	1.811	46.0	3192	4750	2.138	54.3	4052	6030
P-1C777SEN(100)15KV	1	777	1.898	48.2	3682	5480	2.228	56.6	4590	6830
P-1C1111SEN(100)15KV	1	1111	2.102	53.4	4892	7280	2.437	61.9	5900	8780

15KV, SINGLE, SHILED 133% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-1C2SEN(133)15KV	1	2	1.102	28.0	786	1170	1.339	34.0	1203	1790
P-1C1SEN(133)15KV	1	1	1.161	29.5	907	1350	1.398	35.5	1344	2000
P-1C1/0SEN(133)15KV	1	1/0	1.209	30.7	1021	1520	1.445	36.7	1472	2190
P-1C2/0SEN(133)15KV	1	2/0	1.256	31.9	1156	1720	1.492	37.9	1626	2420
P-1C3/0SEN(133)15KV	1	3/0	1.319	33.5	1304	1940	1.555	39.5	1794	2670
P-1C4/0SEN(133)15KV	1	4/0	1.386	35.2	1498	2230	1.622	41.2	2016	3000
P-1C262SEN(133)15KV	1	262	1.445	36.7	1693	2520	1.740	44.2	2332	3470
P-1C313SEN(133)15KV	1	313	1.512	38.4	1915	2850	1.807	45.9	2580	3840
P-1C373SEN(133)15KV	1	373	1.579	40.1	2157	3210	1.874	47.6	2849	4240
P-1C444SEN(133)15KV	1	444	1.654	42.0	2453	3650	1.949	49.5	3178	4730
P-1C535SEN(133)15KV	1	535	1.795	45.6	2910	4330	2.091	53.1	3689	5490
P-1C646SEN(133)15KV	1	646	1.882	47.8	3313	4930	2.177	55.3	4133	6150
P-1C777SEN(133)15KV	1	777	1.969	50.0	3810	5670	2.264	57.5	4663	6940
P-1C1111SEN(133)15KV	1	1111	2.213	56.2	5033	7490	2.469	62.7	5974	8890

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES



IEEE 1580 TYPE P CABLE

MEDIUM VOLTAGE POWER CABLE: 5KV - 15KV ARMORED AND SHEATHED CABLE

15KV, THREE CONDUCTOR, SHILED 100% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-3C2SEN(100)15KV	3	2	2.079	52.8	2721	4050	2.413	61.3	3716	5530
P-3C1SEN(100)15KV	3	1	2.205	56.0	3158	4700	2.539	64.5	4213	6270
P-3C1/0SEN(100)15KV	3	1/0	2.307	58.6	3561	5300	2.646	67.2	4670	6950
P-3C2/0SEN(100)15KV	3	2/0	2.409	61.2	4032	6000	2.748	69.8	5194	7730
P-3C3/0SEN(100)15KV	3	3/0	2.535	64.4	4556	6780	2.941	74.7	5974	8890
P-3C4/0SEN(100)15KV	3	4/0	2.681	68.1	5275	7850	3.091	78.5	6773	10080
P-3C262SEN(100)15KV	3	262	2.874	73.0	6135	9130	3.287	83.5	7755	11540
P-3C313SEN(100)15KV	3	313	3.020	76.7	6935	10320	3.433	87.2	8635	12850
P-3C373SEN(100)15KV	3	373	3.161	80.3	7795	11600	3.579	90.9	9582	14260
P-3C444SEN(100)15KV	3	444	3.323	84.4	8850	13170	3.744	95.1	10738	15980
P-3C535SEN(100)15KV	3	535	3.504	89.0	10106	15040	3.929	99.8	12109	18020
P-3C646SEN(100)15KV	3	646	3.689	93.7	11518	17140	4.118	104.6	13634	20290

15KV, THREE CONDUCTOR, SHILED 133% INSULATION LEVEL

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-3C2SEN(133)15KV	3	2	2.248	57.1	3084	4590	2.587	65.7	4166	6200
P-3C1SEN(133)15KV	3	1	2.374	60.3	3541	5270	2.713	68.9	4684	6970
P-3C1/0SEN(133)15KV	3	1/0	2.476	62.9	3958	5890	2.882	73.2	5342	7950
P-3C2/0SEN(133)15KV	3	2/0	2.579	65.5	4448	6620	2.984	75.8	5886	8760
P-3C3/0SEN(133)15KV	3	3/0	2.713	68.9	4999	7440	3.122	79.3	6525	9710
P-3C4/0SEN(133)15KV	3	4/0	2.917	74.1	5913	8800	3.331	84.6	7553	11240
P-3C262SEN(133)15KV	3	262	3.043	77.3	6626	9860	3.457	87.8	8332	12400
P-3C313SEN(133)15KV	3	313	3.189	81.0	7445	11080	3.606	91.6	9246	13760
P-3C373SEN(133)15KV	3	373	3.331	84.6	8332	12400	3.752	95.3	10221	15210
P-3C444SEN(133)15KV	3	444	3.492	88.7	9408	14000	3.917	99.5	11403	16970
P-3C535SEN(133)15KV	3	535	3.673	93.3	10691	15910	4.102	104.2	12801	19050
P-3C646SEN(133)15KV	3	646	3.858	98.0	12129	18050	4.291	109.0	14360	21370

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES