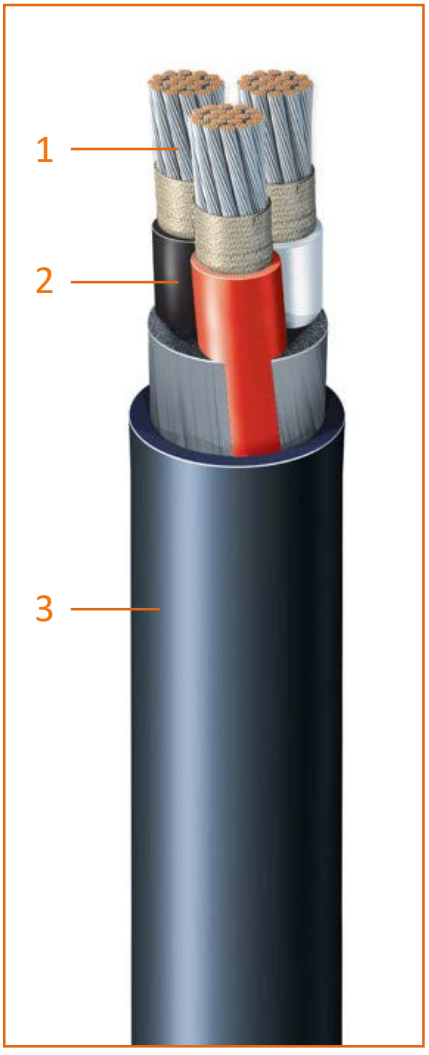
ICC CABLE CORP.

IEEE 1580 TYPE P CABLE

TYPE P FLEXIBLE UNARMORED POWER CABLE: TWO - FIVE CONDUCTOR



PRODUCT DESCRIPTION

0.6/1KV FLEXIBLE TWO - FIVE CONDUCTOR
MARINE/OFFSHORE POWER CABLE
110°C TEMPERATURE RATING
OIL, ABRASION, MOISTURE, PETROCHEMICAL
AND SUNLIGHT RESISTANT
ABS, DNV APPROVED ETL, UL, CSA 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. JACKET

THERMOSETTING NEOPRENE (TYPE N)

ICC CABLE CORP.

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 VW-1, 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)

ICC CABLE CORP.

IEEE 1580 TYPE P CABLE

TYPE P FLEXIBLE UNARMORED POWER CABLE: TWO - FIVE CONDUCTOR

600/1000V TWO CONDUCTOR

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (-BS)				AMPACITY
			NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT		
	# OF CORES	SIZE (AWG)	INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM	100°C
P-2C14	2	14	0.378	9.6	81	120	0.583	14.8	222	330	31
P-2C12	2	12	0.417	10.6	108	160	0.622	15.8	255	380	40
P-2C10	2	10	0.472	12.0	141	210	0.677	17.2	309	460	49
P-2C8	2	8	0.606	15.4	222	330	0.811	20.6	430	640	64
P-2C6	2	6	0.689	17.5	309	460	0.937	23.8	585	870	85
P-2C4	2	4	0.906	23.0	517	770	1.154	29.3	867	1290	110
P-2C2	2	2	1.004	25.5	672	1000	1.252	31.8	1055	1570	149
P-2C1	2	1	1.161	29.5	900	1340	1.409	35.8	1344	2000	174
P-2C1/0	2	1/0	1.256	31.9	1089	1620	1.504	38.2	1566	2330	199
P-2C2/0	2	2/0	1.350	34.3	1330	1980	1.598	40.6	1834	2730	242
P-2C3/0	2	3/0	1.472	37.4	1586	2360	1.780	45.2	2238	3330	265
P-2C4/0	2	4/0	1.606	40.8	1942	2890	1.913	48.6	2654	3950	307
P-2C262	2	262	1.827	46.4	2453	3650	2.134	54.2	3259	4850	358

600/1000V THREE CONDUCTOR

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (-BS)				AMPACITY
			NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT		
	# OF CORES	SIZE (AWG)	INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM	100°C
P-3C16	3	16	0.370	9.4	81	120	0.575	14.6	215	320	16
P-3C14	3	14	0.402	10.2	101	150	0.606	15.4	249	370	25
P-3C12	3	12	0.441	11.2	134	200	0.646	16.4	296	440	31
P-3C10	3	10	0.504	12.8	188	280	0.709	18.0	363	540	41
P-3C8	3	8	0.638	16.2	282	420	0.886	22.5	544	810	52
P-3C6	3	6	0.732	18.6	410	610	0.980	24.9	699	1040	70
P-3C4	3	4	0.961	24.4	679	1010	1.209	30.7	1055	1570	92
P-3C2	3	2	1.067	27.1	894	1330	1.315	33.4	1304	1940	122
P-3C1	3	1	1.236	31.4	1210	1800	1.484	37.7	1680	2500	143
P-3C1/0	3	1/0	1.339	34.0	1478	2200	1.587	40.3	1982	2950	164
P-3C2/0	3	2/0	1.441	36.6	1814	2700	1.748	44.4	2459	3660	188
P-3C3/0	3	3/0	1.571	39.9	2170	3230	1.878	47.7	2863	4260	218
P-3C4/0	3	4/0	1.776	45.1	2782	4140	2.083	52.9	3561	5300	252
P-3C262	3	262	1.949	49.5	3353	4990	2.256	57.3	4207	6260	294
P-3C313	3	313	2.094	53.2	3944	5870	2.402	61.0	4858	7230	321
P-3C373	3	373	2.240	56.9	4603	6850	2.547	64.7	5577	8300	361
P-3C444	3	444	2.402	61.0	5416	8060	2.709	68.8	6458	9610	411
P-3C535	3	535	2.642	67.1	6505	9680	3.008	76.4	7822	11640	443
P-3C646	3	646	2.890	73.4	7808	11620	3.256	82.7	9246	13760	516
P-3C777	3	777	3.075	78.1	9233	13740	3.441	87.4	10758	16010	562

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25
"-BS" ADDED TO PART NUMBER INDICATES ARMORED & SHEATHED CABLE

ICC CABLE CORP.

IEEE 1580 TYPE P CABLE

TYPE P FLEXIBLE UNARMORED POWER CABLE: TWO - FIVE CONDUCTOR

600/1000V FOUR CONDUCTOR

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (-BS)				AMPACITY
			NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT		
	# OF CORES	SIZE (AWG)	INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM	100°C
P-4C14	4	14	0.437	11.1	134	200	0.642	16.3	296	440	25
P-4C12	4	12	0.480	12.2	181	270	0.685	17.4	349	520	31
P-4C10	4	10	0.579	14.7	269	400	0.783	19.9	470	700	41
P-4C8	4	8	0.701	17.8	390	580	0.949	24.1	672	1000	52
P-4C6	4	6	0.803	20.4	564	840	1.051	26.7	874	1300	70
P-4C4	4	4	1.059	26.9	941	1400	1.307	33.2	1344	2000	92
P-4C2	4	2	1.173	29.8	1236	1840	1.421	36.1	1680	2500	122
P-4C1	4	1	1.366	34.7	1693	2520	1.614	41.0	2204	3280	143
P-4C1/0	4	1/0	1.480	37.6	2063	3070	1.787	45.4	2728	4060	164
P-4C2/0	4	2/0	1.594	40.5	2540	3780	1.902	48.3	3246	4830	188
P-4C3/0	4	3/0	1.799	45.7	3152	4690	2.106	53.5	3938	5860	218
P-4C4/0	4	4/0	1.961	49.8	3877	5770	2.268	57.6	4731	7040	252
P-4C262	4	262	2.157	54.8	4690	6980	2.465	62.6	5631	8380	294
P-4C313	4	313	2.319	58.9	5530	8230	2.626	66.7	6532	9720	321
P-4C373	4	373	2.480	63.0	6458	9610	2.846	72.3	7701	11460	361
P-4C444	4	444	2.661	67.6	7607	11320	3.028	76.9	8930	13290	411
P-4C535	4	535	2.992	76.0	9347	13910	3.358	85.3	10825	16110	443
P-4C646	4	646	3.201	81.3	10953	16300	3.567	90.6	12532	18650	516
P-4C777	4	777	3.386	86.0	14138	21040	3.740	95.0	15858	23600	562

600/1000V FIVE CONDUCTOR

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (-BS)			
			NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
	# OF CORES	SIZE (AWG)	INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-5C14	5	14	0.476	12.1	168	250	0.681	17.3	336	500
P-5C12	5	12	0.555	14.1	235	350	0.760	19.3	430	640
P-5C10	5	10	0.630	16.0	323	480	0.870	22.1	571	850
P-5C8	5	8	0.768	19.5	477	710	1.016	25.8	779	1160
P-5C6	5	6	0.925	23.5	726	1080	1.173	29.8	1082	1610
P-5C5	5	4	1.193	30.3	1163	1730	1.441	36.6	1613	2400
P-5C2	5	2	1.319	33.5	1532	2280	1.559	39.6	2016	3000
P-5C1	5	1	1.535	39.0	2097	3120	1.835	46.6	2769	4120
P-5C1/0	5	1/0	1.661	42.2	2560	3810	1.961	49.8	3279	4880
P-5C2/0	5	2/0	1.850	47.0	3266	4860	2.15	54.6	4059	6040
P-5C3/0	5	3/0	2.016	51.2	3904	5810	2.315	58.8	4764	7090
P-5C4/0	5	4/0	2.197	55.8	4811	7160	2.496	63.4	5745	8550

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
AMPACITY BASED ON 45°C AMBIENT TEMPERATURE: 100°C BASED ON IEEE 45 TABLE 25
"-BS" ADDED TO PART NUMBER INDICATES ARMORED & SHEATHED CABLE