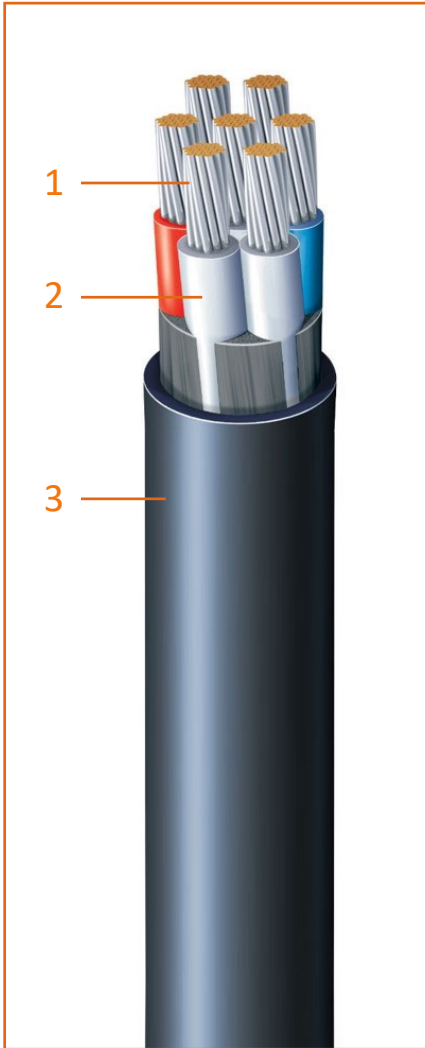


TYPE P FLEXIBLE UNARMORED CONTROL CABLE: MULTI-CONDUCTOR



PRODUCT DESCRIPTION

0.6/1KV FLEXIBLE MULTI-CONDUCTOR
MARINE/OFFSHORE CONTROL CABLE
125°C TEMPERATURE RATING
OIL, ABRASION, MOISTURE, PETROCHEMICAL
AND SUNLIGHT RESISTANT
ABS, DNV 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. JACKET

THERMOSETTING NEOPRENE (TYPE N)



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

TYPE P FLEXIBLE UNARMORED CONTROL CABLE: MULTI-CONDUCTOR

600/1000V MULTI-CONDUCTOR

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-2C18	2	18	0.339	8.6	60	90	0.516	13.1	175	260
P-3C18	3	18	0.354	9.0	74	110	0.559	14.2	202	300
P-4C18	4	18	0.386	9.8	87	130	0.591	15.0	228	340
P-5C18	5	18	0.421	10.7	101	150	0.626	15.9	255	380
P-6C18	6	18	0.457	11.6	121	180	0.661	16.8	282	420
P-7C18	7	18	0.457	11.6	128	190	0.661	16.8	289	430
P-8C18	8	18	0.492	12.5	148	220	0.697	17.7	323	480
P-10C18	10	18	0.602	15.3	202	300	0.807	20.5	410	610
P-12C18	12	18	0.618	15.7	222	330	0.823	20.9	437	650
P-14C18	14	18	0.650	16.5	249	370	0.898	22.8	511	760
P-16C18	16	18	0.685	17.4	282	420	0.933	23.7	551	820
P-20C18	20	18	0.740	18.8	336	500	0.988	25.1	625	930
P-24C18	24	18	0.878	22.3	443	660	1.126	28.6	779	1160
P-30C18	30	18	0.929	23.6	517	770	1.177	29.9	874	1300
P-37C18	37	18	1.000	25.4	605	900	1.248	31.7	995	1480
P-44C18	44	18	1.118	28.4	726	1080	1.366	34.7	1149	1710
P-60C18	60	18	1.236	31.4	927	1380	1.484	37.7	1398	2080
P-91C18	91	18	1.472	37.4	1337	1990	1.780	45.2	1996	2970
P-2C16	2	16	0.350	8.9	67	100	0.555	14.1	195	290
P-3C16	3	16	0.370	9.4	81	120	0.575	14.6	215	320
P-4C16	4	16	0.402	10.2	101	150	0.606	15.4	249	370
P-5C16	5	16	0.437	11.1	114	170	0.642	16.3	276	410
P-6C16	6	16	0.476	12.1	141	210	0.681	17.3	309	460
P-7C16	7	16	0.476	12.1	148	220	0.681	17.3	316	470
P-8C16	8	16	0.512	13.0	168	250	0.717	18.2	349	520
P-10C16	10	16	0.626	15.9	228	340	0.874	22.2	484	720
P-12C16	12	16	0.646	16.4	262	390	0.894	22.7	517	770
P-14C16	14	16	0.677	17.2	289	430	0.925	23.5	564	840
P-16C16	16	16	0.717	18.2	329	490	0.965	24.5	611	910
P-20C16	20	16	0.776	19.7	390	580	1.024	26.0	699	1040
P-24C16	24	16	0.921	23.4	517	770	1.169	29.7	874	1300
P-30C16	30	16	0.976	24.8	605	900	1.224	31.1	981	1460
P-37C16	37	16	1.047	26.6	719	1070	1.295	32.9	1115	1660
P-44C16	44	16	1.173	29.8	860	1280	1.421	36.1	1304	1940
P-60C16	60	16	1.295	32.9	1102	1640	1.543	39.2	1586	2360
P-91C16	91	16	1.547	39.3	1599	2380	1.854	47.1	2285	3400

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



IEEE 1580 TYPE P CABLE

TYPE P FLEXIBLE UNARMORED CONTROL CABLE: MULTI-CONDUCTOR

600/1000V MULTI-CONDUCTOR

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-2C14	2	14	0.378	9.6	81	120	0.583	14.8	222	330
P-3C14	3	14	0.402	10.2	101	150	0.606	15.4	249	370
P-4C14	4	14	0.437	11.1	128	190	0.642	16.3	282	420
P-5C14	5	14	0.476	12.1	155	230	0.681	17.3	323	480
P-6C14	6	14	0.520	13.2	181	270	0.724	18.4	363	540
P-7C14	7	14	0.520	13.2	195	290	0.724	18.4	376	560
P-8C14	8	14	0.587	14.9	235	350	0.791	20.1	443	660
P-10C14	10	14	0.685	17.4	302	450	0.933	23.7	571	850
P-12C14	12	14	0.705	17.9	336	500	0.953	24.2	618	920
P-14C14	14	14	0.740	18.8	383	570	0.988	25.1	679	1010
P-16C14	16	14	0.780	19.8	430	640	1.028	26.1	732	1090
P-20C14	20	14	0.890	22.6	558	830	1.138	28.9	900	1340
P-24C14	24	14	1.008	25.6	672	1000	1.256	31.9	1062	1580
P-30C14	30	14	1.067	27.1	800	1190	1.315	33.4	1203	1790
P-37C14	37	14	1.146	29.1	947	1410	1.394	35.4	1384	2060
P-44C14	44	14	1.287	32.7	1136	1690	1.535	39.0	1619	2410
P-60C14	60	14	1.425	36.2	1472	2190	1.732	44.0	2110	3140
P-91C14	91	14	1.760	44.7	2258	3360	2.067	52.5	3031	4510
P-6C12	6	12	0.602	15.3	255	380	0.807	20.5	464	690
P-7C12	7	12	0.602	15.3	282	420	0.807	20.5	491	730
P-8C12	8	12	0.650	16.5	316	470	0.898	22.8	578	860
P-10C12	10	12	0.760	19.3	403	600	1.008	25.6	706	1050
P-12C12	12	12	0.783	19.9	457	680	1.031	26.2	766	1140
P-14C12	14	12	0.823	20.9	517	770	1.071	27.2	840	1250
P-16C12	16	12	0.913	23.2	625	930	1.161	29.5	981	1460
P-20C12	20	12	0.992	25.2	753	1120	1.240	31.5	1136	1690
P-24C12	24	12	1.118	28.4	907	1350	1.366	34.7	1337	1990
P-30C12	30	12	1.185	30.1	1089	1620	1.433	36.4	1539	2290
P-37C12	37	12	1.276	32.4	1304	1940	1.524	38.7	1781	2650
P-44C12	44	12	1.433	36.4	1559	2320	1.740	44.2	2197	3270
P-60C12	60	12	1.591	40.4	2043	3040	1.898	48.2	2742	4080
P-91C12	91	12	1.965	49.9	3118	4640	2.272	57.7	3978	5920

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



IEEE 1580 TYPE P CABLE

TYPE P FLEXIBLE UNARMORED CONTROL CABLE: MULTI-CONDUCTOR

600/1000V MULTI-CONDUCTOR

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-6C10	6	10	0.689	17.5	356	530	0.937	23.8	632	940
P-7C10	7	10	0.689	17.5	390	580	0.937	23.8	665	990
P-8C10	8	10	0.744	18.9	443	660	0.992	25.2	739	1100
P-10C10	10	10	0.917	23.3	605	900	1.165	29.6	961	1430
P-12C10	12	10	0.945	24.0	692	1030	1.193	30.3	1055	1570
P-14C10	14	10	0.996	25.3	786	1170	1.244	31.6	1169	1740
P-16C10	16	10	1.051	26.7	880	1310	1.299	33.0	1283	1910
P-20C10	20	10	1.138	28.9	1068	1590	1.386	35.2	1498	2230
P-24C10	24	10	1.291	32.8	1297	1930	1.539	39.1	1781	2650
P-30C10	30	10	1.370	34.8	1552	2310	1.618	41.1	2070	3080
P-37C10	37	10	1.476	37.5	1868	2780	1.783	45.3	2527	3760
P-44C10	44	10	1.665	42.3	2244	3340	1.972	50.1	2984	4440
P-60C10	60	10	1.909	48.5	3064	4560	2.217	56.3	3904	5810
P-91C10	91	10	2.280	57.9	4502	6700	2.587	65.7	5490	8170

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