

TYPE P FLEXIBLE ARMORED & SHEATHED POWER CABLE: SINGLE CONDUCTOR



PRODUCT DESCRIPTION

0.6/1KV OR 2KV FLEXIBLE SINGLE CONDUCTOR
MARINE/OFFSHORE POWER 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. ARMOR

BRONZE WIRE BRAID PER IEEE 1580

4. JACKET

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

TYPE P FLEXIBLE ARMORED & SHEATHED POWER CABLE: SINGLE CONDUCTOR

600/1000V SINGLE CONDUCTOR

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)				AMPACITY 100°C
	# OF CORES	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT		
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM	
P-1C18	1	18	0.118	3.0	13	20	0.295	7.5	60	90	16
P-1C16	1	16	0.126	3.2	13	20	0.303	7.7	67	100	23
P-1C14	1	14	0.138	3.5	20	30	0.315	8.0	74	110	37
P-1C12	1	12	0.157	4.0	27	40	0.335	8.5	87	130	45
P-1C10	1	10	0.185	4.7	40	60	0.362	9.2	114	170	58
P-1C8	1	8	0.240	6.1	60	90	0.417	10.6	148	220	72
P-1C6	1	6	0.280	7.1	94	140	0.457	11.6	195	290	96
P-1C4	1	4	0.374	9.5	161	240	0.579	14.7	302	450	128
P-1C2	1	2	0.421	10.7	222	330	0.626	15.9	376	560	169
P-1C1	1	1	0.500	12.7	309	460	0.705	17.9	491	730	194
P-1C1/0	1	1/0	0.547	13.9	390	580	0.752	19.1	578	860	227
P-1C2/0	1	2/0	0.594	15.1	491	730	0.799	20.3	699	1040	262
P-1C3/0	1	3/0	0.657	16.7	591	880	0.906	23.0	860	1280	300
P-1C4/0	1	4/0	0.724	18.4	746	1110	0.972	24.7	1035	1540	351

2000V SINGLE CONDUCTOR

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)				AMPACITY 100°C
	# OF CORES	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT		
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM	
P-1C2/0-2KV	1	2/0	0.614	15.6	504	750	0.819	20.8	712	1060	262
P-1C3/0-2KV	1	3/0	0.677	17.2	605	900	0.925	23.5	880	1310	300
P-1C4/0-2KV	1	4/0 (HD)	0.823	20.9	813	1210	1.063	27.0	1129	1680	351
P-1C262-2KV	1	262 (HD)	0.882	22.4	968	1440	1.122	28.5	1304	1940	407
P-1C313-2KV	1	313 (HD)	0.949	24.1	1149	1710	1.189	30.2	1505	2240	455
P-1C373-2KV	1	373 (HD)	1.016	25.8	1351	2010	1.256	31.9	1727	2570	516
P-1C444-2KV	1	444 (HD)	1.091	27.7	1599	2380	1.331	33.8	2002	2980	588
P-1C535-2KV	1	535 (HD)	1.205	30.6	1929	2870	1.445	36.7	2372	3530	630
P-1C646-2KV	1	646 (HD)	1.291	32.8	2278	3390	1.531	38.9	2748	4090	731
P-1C777-2KV	1	777 (HD)	1.378	35.0	2721	4050	1.618	41.1	3225	4800	822
P-1C1111-2KV	1	1111 (HD)	1.583	40.2	3810	5670	1.882	47.8	4495	6690	1025

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