

Single Conductor Power Cables

2kV Armoured



DESIGN

Conductor	Soft annealed stranded bare or tinned copper per IEEE1580
Separation Tape	Polyester tape if required
Insulation/Jacket	Type P flame retardant cross-linked polyolefin compound, X110 meeting the requirements for IEEE 1580 Type P and UL1309
Armor	Basket weave bronze wire armour per IEEE1580 and UL1309/ CSA C22.2 No.245. Tinned copper wire available by request Black
Outer Sheath Color	IEEE 1580, UL 1309, CSA C22.2 No.245
Reference Standard	Untel 125°C / UL CSA 110°C / IEEE 100°C
Temperature Rating	IEEE 1202 & IEC 60332-3 cat. A
Flame Retardant	-40°C / -35°C (CSA 22.2 No.03)
Cold Bend/Impact	

These cables are intended for use as control and power cables aboard ship and on off-shore oil rigs. The cables are constructed in accordance with the recommended practice for marine cable for use on fixed or floating facilities, IEEE 1580. Excellent resistance to oil, abrasion petrochem fluids, moisture salty water and sunlight.

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Physical Characteristics

Size AWG	Diameter (inches)	Weight (lbs/Mft)	110°C A	100°C A
18	0,193	29	17	16
16	0,203	32	24	23
14	0,218	45	39	37
12	0,237	58	49	45
10	0,257	93	61	58
8	0,305	116	77	72
6	0,345	155	100	96
4	0,427	230	134	128
2	0,493	303	178	169
1	0,534	406	205	194
1/0	0,598	494	236	227
2/0	0,665	579	274	262
3/0	0,713	776	317	300
4/0	0,860	889	369	351
262	0,938	1147	431	407
313	1,004	1332	482	455
373	1,068	1576	540	516
444	1,144	1816	622	588
535	1,262	2246	660	630
646	1,350	2559	765	731
777	1,445	3013	861	822
1111	1,718	4129	1074	1025