

Three Conductor Power Cables

0,6/1kV Armoured



DESIGN

Conductor	Soft annealed stranded bare or tinned copper per IEEE1580
Separation Tape	Polyester tape if required
Insulation	Type P flame retardant cross-linked polyolefin compound, XT10 meeting the requirements for IEEE 1580 Type P and UL1309
Jacket	CPE, Flame retardant, oil abrasion, chemical and sunlight resistant thermosetting compound as required IEEE1580
Armor	Basket weave bronze wire armour per IEEE1580 and UL1309/ CSA C22.2 No.245. Tinned copper wire available by request
Reference Standard	IEEE 1580, UL 1309, CSA C22.2 No.245
Temperature Rating	Untel 125°C / UL CSA 110°C / IEEE 100°C
Flame Retardant	IEEE 1202 & IEC 60332-3 cat. A
Cold Bend/Impact	-40°C / -35°C (CSA 22.2 No.03)

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)	Ampacity 110°C	Ampacity 100°C
16	0,419	127	17	16
14	0,151	176	27	25
12	0,495	212	33	31
10	0,538	281	43	41
8	0,687	385	55	52
6	0,773	519	74	70
4	0,992	843	95	92
2	1,134	1160	126	122
1	1,256	1458	149	143
1/0	1,376	1781	171	164
2/0	1,482	2082	197	188
3/0	1,578	2720	229	218
4/0	1,815	3233	264	252
262	2,255	4795	249	235
313	2,424	5868	302	289
373	2,545	6853	302	289
444	2,703	7987	348	329
535	3,039	9762	371	354
646	3,327	10946	432	413