

Three Conductor Power Cables

0,6/1kV Unarmoured



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, X110 meeting the requirements for IEEE 1580 Type P and UL1309
Sheath	CPE, Flame retardant, oil abrasion, chemical and sunlight resistant thermosetting compound as required IEEE1580
Outer Sheath Color	Black
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	0,369	65	17	16
14	0,401	102	27	25
12	0,445	133	33	31
10	0,488	189	43	41
8	0,637	274	55	52
6	0,723	390	74	70
4	0,945	678	95	92
2	1,084	987	126	122
1	1,206	1234	149	143
1/0	1,326	1448	171	164
2/0	1,422	1945	197	188
3/0	1,528	2379	229	218
4/0	1,765	2864	264	252
262	1,980	3452	311	294
313	2,131	4023	340	321
373	2,231	4772	378	361
444	2,394	5670	435	411
535	2,637	6784	464	443
646	2,958	7961	540	516
777	3,168	9573	588	562