

# Four 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, X110 meeting the requirements for IEEE 1580 Type P and UL1309
Jacket	Flame retardant, oil abrasion, chemical and sunlight resistant thermosetting compound as required IEEE1580
Armor	CPE, 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	0,452	154	14	13
14	0,488	213	22	20
12	0,536	256	26	25
10	0,603	313	34	33
8	0,748	466	44	42
6	0,844	669	59	56
4	1,085	1062	77	74
2	1,244	1345	101	98
1	1,382	1909	119	114
1/0	1,515	2180	137	131
2/0	1,623	2665	158	150
3/0	1,804	3578	183	175
4/0	2,014	4214	211	202
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