

Four 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	0,402	99	14	13
14	0,438	126	22	20
12	0,486	168	26	25
10	0,553	243	34	33
8	0,698	355	44	42
6	0,794	533	59	56
4	1,035	879	77	74
2	1,194	1120	101	98
1	1,332	1602	119	114
1/0	1,465	1907	137	131
2/0	1,573	2535	158	150
3/0	1,754	3206	183	175
4/0	1,964	3765	211	202
262	2,205	4625	249	235
313	2,374	5537	302	289
373	2,495	6462	302	289
444	2,653	7560	348	329
535	2,989	9284	371	354
646	3,277	10571	432	413