

Five 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.

Physical Characteristics

Size AWG	Diameter (inches)	Weight (lbs/Mft)	Ampacity 110°C	Ampacity 100°C
18	0,418	95	10	10
16	0,437	110	14	13
14	0,479	149	22	20
12	0,550	196	26	25
10	0,604	296	34	33
8	0,765	453	44	42
6	0,914	653	59	56
4	1,137	1073	77	74
2	1,315	1361	101	98
1	1,470	2130	119	114
1/0	1,618	2550	137	131
2/0	1,802	2954	158	150
4/0	2,167	3615	211	202