

Five 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	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.

Physical Characteristics

Size AWG	Diameter (inches)	Weight (lbs/Mft)	Ampacity 110°C	Ampacity 100°C
18	0,468	165	10	10
16	0,487	189	14	13
14	0,529	234	22	20
12	0,600	266	26	25
10	0,654	406	34	33
8	0,815	569	44	42
6	0,964	813	59	56
4	1,187	1292	77	74
2	1,365	1637	101	98
1	1,520	2192	119	114
1/0	1,668	2746	137	131
2/0	1,852	3301	158	150
4/0	2,217	3955	211	202