

Five Conductor Power Cables

0,6/1kV Armoured & Sheathed



DESIGN

Conductor	Soft annealed stranded bare or tinned copper per IEEE1580
Separation Tape	Polyester tape if required
Insulation / Jacket	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 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
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	Nominal Diameter (inches)	Weight (lbs/Mft)	Ampacity 110°C	Ampacity 100°C
18	0,559	214	10	10
16	0,619	264	14	13
14	0,660	301	22	20
12	0,744	334	26	25
10	0,785	494	34	33
8	0,988	704	44	42
6	1,137	973	59	56
4	1,360	1481	77	74
2	1,538	1856	101	98
1	1,756	2482	119	114
1/0	1,903	3108	137	131
2/0	2,088	3734	158	150
4/0	2,453	4592	211	202

