

Multi Conductor Control 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	Number of Conductors	Diameter (inches)	Weight (lbs/Mft)	Ampacity 110°C	Ampacity 100°C
16	7	0,656	330	12	11
16	8	0,712	340	12	11
16	10	0,812	445	9	8
16	16	0,942	602	9	8
16	20	1,017	724	9	8
16	24	1,146	809	8	7
16	37	1,271	989	6	6
16	44	1,396	1175	6	6
16	60	1,521	1496	6	6
14	6	0,720	335	21	20
14	7	0,720	377	19	18
14	10	0,914	515	14	13
14	12	0,936	558	14	13
14	14	0,972	665	14	13
14	20	1,139	876	14	13
14	24	1,236	1132	12	11
14	30	1,294	1180	12	11
14	37	1,376	1405	11	10
14	44	1,516	1477	10	9
12	6	0,792	500	27	25
12	10	0,994	629	17	16
12	20	1,245	1055	17	16
12	24	1,356	1468	15	14
12	37	1,516	1677	13	12