

Single Conductor Power Cables

2kV Unarmoured



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
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)	110°C A	100°C A
18	0,232	29	17	16
16	0,245	34	24	23
14	0,259	42	39	37
12	0,281	53	49	45
10	0,302	68	61	58
8	0,354	95	77	72
6	0,384	130	100	96
4	0,484	210	134	128
2	0,576	314	178	169
1	0,629	393	205	194
1/0	0,687	485	236	227
2/0	0,737	596	274	262
3/0	0,788	709	317	300

