Three Conductor Power Cables

0,6/1kV Armoured & Sheated

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 rings. 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
16	0,519	181	17	16
14	0,583	228	27	25
12	0,626	276	33	31
10	0,669	352	43	41
8	0,818	477	55	52
6	0,946	650	74	70
4	1,165	1004	95	92
2	1,307	1374	126	122
1	1,431	1675	149	143
1/0	1,550	2015	171	164
2/0	1,645	2424	197	188
3/0	1,814	3106	229	218
4/0	2,050	3652	264	252
262	2,266	4434	311	294
313	2,418	4919	340	321
373	2,517	5718	378	361
444	2,680	6864	435	411
535	2,986	8250	464	443
646	3,301	9258	540	516
777	3,511	10945	588	562