



Application

- For power and control cable installation in ships and offshore platforms, This cable can be installed indoor and outdoor.

Construction

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|------------------|--|------------------------|-------------------------------|
| • Conductor | : Annealed bare copper conductor (tinned on request)
Stranded to IEC 60228 class 2 (class 5 on request) | • Core identification | : Standard HD-308 S2 |
| • Insulation | : Crosslinked Polyethylene (XLPE) | • Single core | : Black |
| • Bedding | : Flame retardant PVC compound | • Two cores | : Blue - Brown |
| • Armour | : Galvanized Steel Wire Braided | • Three cores | : Brown - Black - Grey |
| • Outer Sheath | : Flame retardant PVC compound, grey colour | • Four cores | : Blue - Brown - Black - Grey |
| | | • Five cores and above | : Black with white numbering |
| • Working temp | : 90°C | • Standard apply | : IEC 60092 / 350-351-353-359 |
| • Rated Voltage | : 0.6/1 KV | • Flame retardancy | : IEC 60332-1 |
| • Test Voltage | : 3.5 KV | • Flame properties | : IEC 60332-3-22 (cat.A) |
| • Bending radius | : 6 x cable diameter | | |

Construction and Electrical Data

Number & Nominal Conductor Area	Diameter Conductor	Thickness of Insulation	Thickness of Inner Sheath	Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Weight
(mm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg/km)
1 x 16	5.0	0.7	1.1	0.8	11.5	298
1 x 25	6.3	0.9	1.1	0.9	13.8	454
1 x 35	7.5	0.9	1.2	0.9	15.2	581
1 x 50	8.8	1.0	1.2	1.0	17.0	733
1 x 70	10.5	1.1	1.3	1.0	19.1	975
1 x 95	12.5	1.1	1.4	1.1	21.7	1307
1 x 120	14.0	1.2	1.5	1.1	23.6	1577
1 x 150	15.6	1.4	1.6	1.2	26.1	1932
1 x 185	17.5	1.6	1.6	1.2	28.4	2348
1 x 240	20.1	1.7	1.8	1.3	31.9	3007
1 x 300	22.5	1.8	1.9	1.4	35.4	3782
2 x 1.5	1.6	0.7	1.0	0.8	10.9	193
2 x 2.5	2.0	0.7	1.1	0.9	12.1	243
2 x 4	2.6	0.7	1.1	0.9	13.8	343
2 x 6	3.1	0.7	1.2	0.9	15.0	415
2 x 10	4.0	0.7	1.2	1.0	17.0	561
2 x 16	5.0	0.7	1.3	1.0	19.4	764
2 x 25	6.3	0.9	1.5	1.1	23.2	1103
2 x 35	7.5	0.9	1.6	1.2	26.1	1440
3 x 1.5	1.6	0.7	1.1	0.8	11.6	222
3 x 2.5	2.0	0.7	1.1	0.9	12.7	278
3 x 4	2.6	0.7	1.2	0.9	14.7	404
3 x 6	3.1	0.7	1.2	0.9	15.7	483
3 x 10	4.0	0.7	1.3	1.0	18.1	676
3 x 16	5.0	0.7	1.4	1.1	20.8	943
3 x 25	6.3	0.9	1.5	1.2	24.7	1360
3 x 35	7.5	0.9	1.6	1.2	27.6	1779
3 x 50	8.8	1.0	1.7	1.3	31.5	2297
3 x 70	10.5	1.1	1.9	1.4	36.6	3223
3 x 95	12.5	1.1	2.1	1.6	41.9	4349
3 x 120	14.0	1.2	2.2	1.7	46.0	5283
3 x 150	15.6	1.4	2.4	1.8	51.1	6504
3 x 185	17.5	1.6	2.6	1.9	56.6	8030
3 x 240	20.1	1.7	2.8	2.1	63.4	10249
4 x 1.5	1.6	0.7	1.1	0.9	12.6	261
4 x 2.5	2.0	0.7	1.1	0.9	14.1	358
4 x 4	2.6	0.7	1.2	0.9	15.7	466

Construction and Electrical Data

Number & Nominal Conductor Area	Diameter Conductor	Thickness of Insulation	Thickness of Inner Sheath	Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Weight
(mm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg/km)
4 x 6	3.1	0.7	1.2	1.0	17.1	578
4 x 10	4.0	0.7	1.3	1.0	19.5	812
4 x 16	5.0	0.7	1.4	1.1	22.6	1149
4 x 25	6.3	0.9	1.6	1.2	27.1	1688
4 x 35	7.5	0.9	1.7	1.3	30.5	2232
4 x 50	8.8	1.0	1.9	1.4	35.4	2991
4 x 70	10.5	1.1	2.0	1.5	40.4	4048
4 x 95	12.5	1.1	2.2	1.7	46.2	5472
4 x 120	14.0	1.2	2.4	1.8	51.1	6706
4 x 150	15.6	1.4	2.6	1.9	56.5	8221
5 x 1.5	1.6	0.7	1.1	0.9	14.1	342
5 x 2.5	2.0	0.7	1.2	0.9	15.4	426
7 x 1.5	1.6	0.7	1.2	0.9	15.2	402
7 x 2.5	2.0	0.7	1.2	1.0	16.7	510
10 x 1.5	1.6	0.7	1.3	1.0	19.3	583
10 x 2.5	2.0	0.7	1.4	1.1	21.3	744
12 x 1.5	1.6	0.7	1.3	1.0	19.3	600
12 x 2.5	2.0	0.7	1.4	1.1	21.3	774
14 x 1.5	1.6	0.7	1.4	1.1	20.5	692
14 x 2.5	2.0	0.7	1.4	1.1	22.2	869
16 x 1.5	1.6	0.7	1.4	1.1	21.3	753
16 x 2.5	2.0	0.7	1.5	1.1	23.4	971
19 x 1.5	1.6	0.7	1.4	1.1	22.3	833
19 x 2.5	2.0	0.7	1.5	1.2	24.7	1095
24 x 1.5	1.6	0.7	1.6	1.2	26.6	1061
24 x 2.5	2.0	0.7	1.7	1.3	29.5	1393
27 x 1.5	1.6	0.7	1.6	1.2	26.6	1087
27 x 2.5	2.0	0.7	1.7	1.3	29.5	1438
37 x 1.5	1.6	0.7	1.7	1.3	29.7	1388
37 x 2.5	2.0	0.7	1.8	1.3	32.7	1827