



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	HF XLPE-90°C (IEC 60092-351) Identification: See attached table
Assembly	Insulated conductors laid up together in concentric layers
Inner covering	Halogen-free compound compatible with others components. *From 25mm ² (included) the inner covering will be extruded
Armour	Bare copper wire braid over aluminium/polyester tape
Outer sheath	Halogen-free compound SHF1 (IEC 60092-359) Colour: Black

Technical characteristics

Operating voltage	600/1000V
Operating T^a (conductor)	Operation: -40°C +90°C During installation: -15°C Short-circuit: 250°C (5s Max.)
Min. bending radius	6xD

Application

Screened flexible cable for power and control cable for fixed installations in ships and offshore units. For locations where certain protection against electromagnetic interference is necessary and an additional mechanical protection is required.

Standards / Properties

Ref. standard for drawing	IEC 60092-353
Flame Retardant	IEC 60332-1-2
Fire Retardant	IEC 60332-3-22(Category A)
Halogen free	IEC 60754-1
Low corrosivity	IEC 60754-2 (pH >= 4,3 ; conductivity =< 10µS/mm)
Low smoke emission	IEC 61034 (Transmittance >60%)



Data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	I (A), 45°C	R at 20°C (Ohm/Km)
37501500	1x2.5	8.2	108	25	7.98
37501600	1x4	8.9	133	335	4.95
37501800	1x10	10.4	209	64	1.91
37501900	1x16	11.6	280	88	1.21
37502000	1x25	14	424	117	0.78
37502100	1x35	15.1	532	147	0.554
37502200	1x50	17	702	180	0.386
37502300	1x70	18.7	912	233	0.272
37502400	1x95	20.8	1156	285	0.206
37502500	1x120	22.6	1422	333	0.161
37502600	1x150	24.9	1733	386	0.129
37502700	1x185	27.5	2079	444	0.106
37502800	1x240	30.5	2650	528	0.0801
37502900	1x300	33.6	3300	612	0.0641
37505500	2x1.5	8.7	102	23	13.3
37505700	2x2.5	9.5	128	31	7.98
37505800	2x4	10.7	166	43	4.95
37505900	2x6	11.9	216	55	3.3
37506000	2x10	14.4	347	75	1.91
37506100	2x16	16	470	100	1.21
37508400	3x1.5	9.4	125	23	13.3
37508600	3x2.5	10.2	160	31	7.98
37508800	3x4	11.5	216	43	4.95
37508900	3x6	12.7	279	55	3.3
37509000	3x10	15.5	455	75	1.91
37509100	3x16	17.7	642	87	1.21
37509200	3x25	21.4	948	110	0.78
37509300	3x35	24.4	1265	137	0.554
37509400	3x50	28.2	1739	167	0.386
37509500	3x70	30.9	2330	214	0.272
37509600	3x95	37.3	3145	259	0.206
37509700	3x120	41.2	3931	301	0.161
37509800	3x150	45.9	4826	347	0.129
37509900	3x185	51.7	5870	397	0.106
37510000	3x240	58.1	7573	468	0.0801
37513300	4x1.5	10.2	150	20	13.3
37513500	4x2.5	11.2	198	28	7.98
37513700	4x4	12.6	266	37	4.95
37513800	4x6	14.6	386	47	3.3
37513900	4x10	17.1	575	65	1.91
37514000	4x16	19.8	822	87	1.21
37514100	4x25	24	1219	110	0.78
37514200	4x35	26.3	1616	137	0.554
37514300	4x50	31.7	2252	167	0.386

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	I (A), 45°C	R at 20°C (Ohm/Km)
37514400	4x70	36.6	3152	214	0.272
37514500	4x95	41.5	4086	259	0.206
37514800	4x120	45.6	5093	301	0.161
37514900	4x150	51	6326	347	0.129
37511600	4x185	57.4	7696	397	0.106
37511700	4x240	64.5	9945	468	0.0801
37516200	5x1.5	10.9	177	20	13.3
37516300	5x2.5	12.3	239	28	7.98
37516400	5x4	14.4	358	37	4.95
37516500	5x6	15.9	467	47	3.3
37516600	5x10	18.6	700	65	1.91
37516700	5x16	21.7	1010	87	1.21
37516800	5x25	26.3	1511	110	0.78
37516900	5x35	29.5	202	137	0.554
37517000	5x50	34.9	2806	167	0.386
37519600	7x1.5	11.9	219	11	13.3
37519700	7x2.5	14	332	15	7.98
37523700	10x1.5	14.5	326	10	13.3
37526100	12x1.5	15.2	369	9	13.3
37526200	12x2.5	18.1	518	12.5	7.98
37527400	14x1.5	16.2	416	8.5	13.3
37528600	16x1.5	17.5	474	8	13.3
37530100	19x1.5	18.2	529	7.5	13.3
37530200	19x2.5	21.1	743	11	7.98
37533300	24x1.5	20.4	648	7	13.3
37535700	27x1.5	21.6	716	6.5	13.3
37535800	27x2.5	25.4	1023	9	7.98

Leyenda

- Code** Cervi codification
- NxS (mm2)** Number of conductors x Section (mm2)
- Ø (mm)** Aprox. outer diameter (mm)
- Weight (kg/km)** Approximate cable weight (kg/km)
- I (A), 45°C** Intensidad máxima admisible (A), al aire (45°C)
- R at 20°C (Ohm/Km)** Conductor resistance at 20°C (Ohm/km)

Colour Table

N° conductors	Insulation colour
1x	Natural
2x	Blue, Brown
3x	Brown, Black, Grey
4x	Blue, Brown, Black, Grey
5x	White numbered
>5	White numbered