Marine power cable

IEC 60092-353 XAI

0.6/1 kV Armoured Marine Cable

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Marine power cable **Order-specific design**

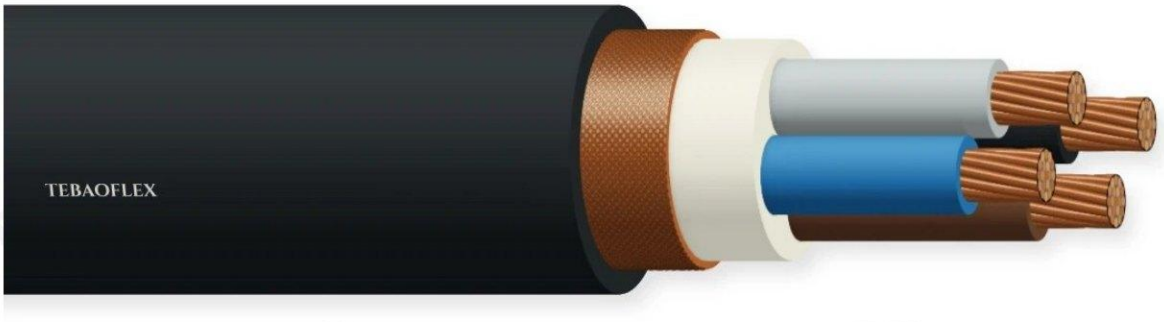


Application

Combined subsea service connection for power, signals, optical elements or fluid lines. Component mix and mechanical design follow the project configuration.

Typical uses: Oil and gas, Marine and offshore, Condition monitoring

Construction





Cross-section, not to scale

1	Conductor	Stranded copper
2	Insulation	XLPE
3	Copper braid armour	Copper wire braid
4	Outer sheath	SHF1 compound

Technical data

Typical values

Rated voltage	0.6/1 kV	Maximum conductor temperature	+90 °C
Service profile	Fixed installation with installation flexing	Minimum bending radius	4 × OD
Water exposure	Specify depth, pressure and water chemistry	Chemical compatibility	Verify against the actual fluid and temperature
Standards	IEC 60092-353		

Sizes

62 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Configuration	Cores	Section mm²	Outer diameter mm	Weight kg/km	Bend radius mm
☐ XAI 1x10	1	10.0	9.0	190	36
☐ XAI 1x16	1	16.0	10.0	260	40
☐ XAI 1x25	1	25.0	12.0	380	48
☐ XAI 1x35	1	35.0	13.0	480	52
☐ XAI 1x50	1	50.0	15.0	720	60
☐ XAI 1x70	1	70.0	18.0	950	72
☐ XAI 1x95	1	95.0	20.0	1,220	80
☐ XAI 1x120	1	120.0	22.0	1,530	88
☐ XAI 1x150	1	150.0	24.0	1,810	96
☐ XAI 1x185	1	185.0	26.0	2,250	104
☐ XAI 1x240	1	240.0	29.0	2,940	116
☐ XAI 1x300	1	300.0	31.0	3,580	124
☐ XAI 2x1.5	2	1.5	9.0	140	36
☐ XAI 2x2.5	2	2.5	10.0	180	40
☐ XAI 2x4	2	4.0	12.0	230	48
☐ XAI 2x6	2	6.0	13.0	300	52
☐ XAI 2x10	2	10.0	15.0	440	60
☐ XAI 2x16	2	16.0	18.0	590	72
☐ XAI 3x1.5	3	1.5	10.0	160	40
☐ XAI 3x2.5	3	2.5	11.0	200	44
☐ XAI 3x4	3	4.0	12.0	270	48
☐ XAI 3x6	3	6.0	13.0	360	52
☐ XAI 3x10	3	10.0	17.0	570	68
☐ XAI 3x16	3	16.0	19.0	780	76
☐ XAI 3x25	3	25.0	23.0	1,170	92
☐ XAI 3x35	3	35.0	26.0	1,520	104
☐ XAI 3x50	3	50.0	29.0	2,120	116
☐ XAI 3x70	3	70.0	34.0	2,840	136
☐ XAI 3x95	3	95.0	39.0	3,790	156
☐ XAI 3x120	3	120.0	43.0	4,800	172
☐ XAI 3x150	3	150.0	51.0	5,730	204
☐ XAI 3x185	3	185.0	52.0	7,130	208
☐ XAI 3x240	3	240.0	59.0	9,310	236
☐ XAI 3x300	3	300.0	64.0	11,380	256
☐ XAI 4x1.5	4	1.5	11.0	180	44
☐ XAI 4x2.5	4	2.5	12.0	240	48

Configuration	Cores	Section mm²	Outer diameter mm	Weight kg/km	Bend radius mm
XAI 4x4	4	4.0	13.0	320	52
XAI 4x6	4	6.0	15.0	490	60
XAI 4x10	4	10.0	18.0	680	72
XAI 4x16	4	16.0	20.0	960	80
XAI 4x25	4	25.0	25.0	1,450	100
XAI 4x35	4	35.0	28.0	1,920	112
XAI 4x50	4	50.0	31.0	2,700	124
XAI 4x70	4	70.0	39.0	3,650	156
XAI 4x95	4	95.0	42.0	4,760	168
XAI 4x120	4	120.0	48.0	6,050	192
XAI 4x150	4	150.0	52.0	7,230	208
XAI 4x185	4	185.0	58.0	9,080	232
XAI 4x240	4	240.0	66.0	11,890	264
XAI 4x300	4	300.0	71.0	14,580	284
XAI 5x1.5	5	1.5	12.0	210	48
XAI 5x2.5	5	2.5	13.0	280	52
XAI 7x1.5	7	1.5	13.0	260	52
XAI 7x2.5	7	2.5	15.0	390	60
XAI 12x1.5	12	1.5	17.0	460	68
XAI 12x2.5	12	2.5	19.0	600	76
XAI 19x1.5	19	1.5	20.0	640	80
XAI 19x2.5	19	2.5	22.0	870	88
XAI 27x1.5	27	1.5	23.0	860	92
XAI 27x2.5	27	2.5	26.0	1,190	104
XAI 37x1.5	37	1.5	26.0	1,110	104
XAI 37x2.5	37	2.5	29.0	1,540	116

– Nominal dimensions and weights are reference values, not a supplied-product tolerance or a current rating.

Standards and approvals

Certifications

Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone
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Web
tebaoflex.com/cables/iec-60092-353-xai-0-6-1-kv-armoured-marine-cable

Typical values for this cable type, based on IEC 60092-353. Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.