Boat Cable

DNVGL Specification (Only Insulation)

Application

Electrical cables for boats.

Construction

Conductor：Tinned annealed copper strands wire

Insulation：90℃ Cross-linked Low Smoke Free Halogen compound

Approval and Technical specification

Approvals：IEC 60092-350

Certificate No.：TAE00003UN

Nominal voltage：0.6/1kV

Description

Pass the IEC 60332-3-22 flame-spread test.

Pass the IEC 61034-1/2 smoke density test.

Use LSFH compound complies with EU RoHS requirements.

Core No.	Size	Conductor Construction	Conductor Overall Diameter	Approximate Overall Diameter	Maximum Conductor Resistance
C	mm^2	No./mm	mm	mm	Ω/km(20℃)
1	1.5	30/0.25	1.6	3.0	13.7
	2.5	50/0.25	2.0	3.4	8.21
	4	56/0.3	2.6	4.0	5.09
	6	84/0.3	3.2	4.6	3.39

Note：The package and length can be modified according to the requirements of customer.

Boat Cable

DNVGL Specification (Insulation+Jacket)

Application

Electrical cables for boats.

Construction

Conductor：Tinned annealed copper strands wire

Insulation：90℃ Cross-linked Low Smoke Free Halogen compound

Jacket：90℃ Low Smoke Free Halogen compound

Approval and Technical specification

Approvals：IEC 60092-350

Certificate No.：TAE00001WD

Nominal voltage：0.6/1kV

Description

Pass the IEC 60332-3-22 flame-spread test.

Pass the IEC 61034-1/2 smoke density test.

Use LSFH compound complies with EU RoHS requirements.

Core No.	Size	Conductor Construction	Conductor Overall Diameter	Approximate Overall Diameter	Maximum Conductor Resistance
C	mm^2	No./mm	mm	mm	Ω/km(20℃)
1	1.5	30/0.25	1.6	5.0	13.7
	2.5	50/0.25	2.0	5.4	8.21
	4	56/0.3	2.6	6.0	5.09
	6	84/0.3	3.2	6.6	3.39
	10	80/0.4	4.2	7.6	1.95
	16	7/18/0.4	6.1	9.5	1.24
	25	7/28/0.4	7.5	11.5	0.795
	35	7/38/0.4	9.0	13.0	0.565
	50	7/57/0.4	10.6	15.0	0.393
	70	7/52/0.5	12.2	17.0	0.277
	95	19/25/0.5	14.2	19.0	0.210
	120	19/32/0.5	15.8	21.0	0.164
	150	19/39/0.5	18.2	24.0	0.132

Note：1. The package and length can be modified according to the requirements of customer.

2. If you need multiple cable, welcome to contact us.