

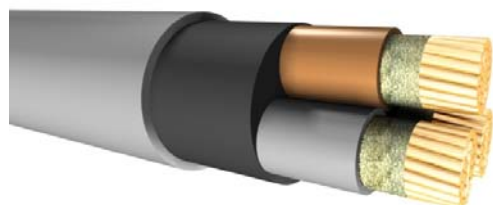


Draka

Draka Cableteq | Marine, Oil & Gas International

HXXM FR Power & Control cables 0.6/1 kV

Fire resistant halogen free marine cable



Max. conductor temp.: 90 °C
Nominal voltage : 0.6/1 kV

Application

Fire resistant power and control cables for fixed installations in ships with special properties.

Standards applied

Halogen Free - According to IEC 60754-1/2
Low smoke - According to IEC 61034-1/2
Flame retardant - According to IEC 60332-3 cat A
Toxicity index - According to NES 713
Fire resistance - According to IEC 60331

Construction

Conductor	Annealed stranded circular copper
Insulation	Mica tape and Crosslinked polyethylene, XLPE/HF XLPE to IEC 60092/3
Inner sheath	Flame retardant halogen free thermoplastic compound, SHF1
Outer sheath	Flame retardant halogen-free thermoplastic compound, SHF1
Marking text	DRAKA HXXM-FR 0,6/1kV IEC 60092-3 3 x 10 mm ² ETL Listed 9801094 (year) (code)
Outer sheath colour	Grey

Identification the cores

One core	Black
Two cores	Black, blue
Three cores	Black, blue, Brown
Four cores	Black, blue, Brown, green/yellow
Five cores and up	Black, numbered

RANGE AND DIMENSIONS

Prod.number	No. of pairs and cond.area (mm ²)	Cross section screen (mm ²)	Conductor-diameter (mm)	Core diameter (mm)	Diameter outer sheath (mm)	Diam under armour mm	Weight of cable approx. (kg/km)	Max. current (A)	Resistance at 20 °C DC (Ohm/km)	Resistance at 90 °C 50 Hz (Ohm/km)
123497	3 x 10	n.a.	3.92	7.04	19.20	n.a.	635	65	0.56	2.33
123498	3 x 25	n.a.	6.27	9.80	26.00	n.a.	1316	110	0.222	0.927
123499	3 x 35	n.a.	7.00	10.57	28.20	n.a.	1685	137	0.160	0.669
123501	3 x 50	n.a.	8.10	11.88	31.50	n.a.	2195	167	0.118	0.494
123502	3 x 120	n.a.	15.40	20.02	50.80	n.a.	5415	301	0.047	0.198
123503	3 x 95	n.a.	11.40	15.81	41.10	n.a.	4045	259	0.059	0.248
123504	3 x 150	n.a.	16.90	21.67	54.70	n.a.	6475	347	0.038	0.161
123506	4 x 35	n.a.	7.00	10.57	31.40	n.a.	2120	137	0.160	0.669
123509	7 x 1,5	n.a.	1.57	4.30	15.90	n.a.	285	20	3.70	15.4
123519	3 x 16	n.a.	4.97	8.29	22.10	n.a.	895	87	0.35	1.47
123521	3 x 70	n.a.	9.7	13.90	36.20	n.a.	3010	214	0.082	0.344
124663	4 x 3 x 1	n.a.	1.29	3.81	23.10	29.7	485	n.a.	3.70	n.a.

Installation recommendations

Minimum Bending Radius during Installation	Minimum Bending Radius Fixed Installed	Maximum Tensile Load During Installation	Minimum Installation Temperature
8 x D	6 x D	50 N * total cross section conductors	-10 °C

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