

Schiffskabel / Marine cables

M2XH

halogen-free, flame retardant power cable
halogen-free, flame retardant power cable



Verwendung:

Used as fixed installation cables in various electromechanical and electronic equipments of marine vehicles.

Usable at all conditions in marine environment such as dry, wet and oil locations.

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Aufbau:

- electrolytic, stranded, annealed copper wire, IEC 60228 Class 2
- XLPE insulation
- separating foil or halogen-free bedding compound on request
- outer sheath: halogen-free, flame retardant, thermoplastci polyolefin based compound
- color: black or grey

Technische Daten:

Leiter Werkstoff	Kupfer
Leiterklasse	Klasse 2 IEC 60228
Aderisolationwerkstoff	XLPE
Aderkennung	
Verseilung	
Außenmantelwerkstoff	Polyolefin
Mantelfarbe	Schwarz oder Grau
Nennspannung [V]	600/1000
Prüfspannung [V]	3500
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	6x d
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-40°C bis +90
Betriebstemp. bew. min/mac [C]	-40°C bis +90
Temperatur am Leiter max.	
Brandverhalten	
Normen	Standard IEC 60092-353 Flammwidrig IEC 60332/1, IEC 60332/3 CAT A Rauchdichte IEC 61034/1-2 (DIN EN 50268/1-2) Halogen frei IEC 60754-1+2

Application:

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Construction:

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Technical Data:

Conductor Material	copper
Conductor class	Class 2 IEC 60228
core insulation	XLPE
core identification	*
stranding	*
outer sheath	Polyolefin
sheath colour	black or grey
rated voltage [V]	600 / 1000
testing voltage [V]	3500
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	6x d
min. bending radius moved [xd]	*
working temp fixed min/max [C]	-40°C up to +90
working temp moved min/mac [C]	-40°C up to +90
temp at conductor max.	*
burning behaviour	*
Approvals	Standard IEC 60092-353 Flame-retardant IEC 60332/1, IEC 60332/3 CAT A Low-smoke IEC 61034/1-2 (DIN EN 50268/1-2) Halogen-free IEC 60754-1+2

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
	1 x 70	15.40	67.20	73.00
	1 x 95	17.40	91.20	97.90
	1 x 120	19.30	115.20	123.20
	1 x 150	21.20	144.00	150.70
	1 x 185	23.70	177.60	188.10
	1 x 240	26.60	230.40	245.60
	3 x 1.5	9.00	4.40	10.10
	3 x 2.5	9.90	7.20	13.30
	4 x 16	18.60	61.50	73.90
	4 x 35	27.50	134.40	186.60
	4 x 120	46.90	460.80	595.60
	5 x 1	9.9	4.80	11.90
	5 x 1.5	10.70	7.20	15.10
	5 x 2.5	12.00	12.00	21.00
	5 x 6	15.20	28.80	40.90
	5 x 10	17.80	48.00	62.50
	5 x 25	27.10	120.00	169.70
	5 x 35	30.90	168.00	227.90
	7 x 1.5	11.70	10.10	19.50
	12 x 1.5	15.40	17.30	31.80
	12 x 2.5	17.30	28.80	44.80

Kontakt: