



Ships and Marine Cable - M2XCH EMC 0,6/1 kV (NOFI) Power cable, screened



Technical attributes

Standards	IEC 60092/353, IEC 60092/350-360
Conductor material	Electrolytic annealed flexible Cu-bare wires
Conductor type	flexible
Conductor standard	IEC 60228
Conductor category	5
Core insulation	XLPE
Inner sheath	separating foil
Cu-Tape	Wrapped Cu-polyester tape (100% coverage)
Screening	Electrolytic bare Cu-braiding (min. 90% coverage)
Outer sheath	Halogen-free, flame-retardant, polyolefin based compound (SHF1)
Outer sheath colour	black or grey
Temperature range min., mobile operation	-40 °C
Temperature range max., mobile operation	+90 °C
Nominal voltage U ₀ /U	0,6/1 (1,2) kV
Test voltage	3,5 kV
Minimum bending radius	6 x cable-Ø

Description

Used as fixed installation cables in various electromechanical and electronic equipments. Due to its' overall screen the electromagnetic interference is minimized. It can be used as motor supply cable and for frequency converters controlled low voltage AC drives on ships, called VFD applications.

Note

Power cable, screened

On request :with filler "FI", class 2, further cross-sections/outer jacket colours

- halogen-free IEC 60754/1-2
- flame-retardant IEC 60332/1, IEC 60332/3 Cat A
- ozone-resistant IEC 60811/403
- smoke density IEC 61034/1-2 (DIN EN 50268/1-2)
- Shielding effectiveness DIN EN 50147-1 (EMC-type)

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
04087001	M2XCH EMC (NOFI) 0,6/1 kV 4G1,5 bk flex Cl.5	165,00	108,90	10,30	black or grey
04087002	M2XCH EMC (NOFI) 0,6/1 kV 4G2,5 bk flex Cl.5	224,00	144,50	11,70	black
04087003	M2XCH EMC (NOFI) 0,6/1 kV 4G4 bk flex Cl.5	298,00	208,20	12,90	black
04087004	M2XCH EMC (NOFI) 0,6/1 kV 4G6 bk flex Cl.5	416,00	322,50	14,70	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
	kV 4G6 bk flex Cl.5				
04087005	M2XCH EMC (NOFI) 0,6/1 kV 3x10 bk flex Cl.5	476,00	399,50	15,90	black
04087007	M2XCH EMC (NOFI) 0,6/1 kV 4G10 bk flex Cl.5	628,00	498,30	17,60	black
04087008	M2XCH EMC (NOFI) 0,6/1 kV 1x16 bk flex Cl.5	242,00	193,51	9,90	black
04087006	M2XCH EMC (NOFI) 0,6/1 kV 3x16 bk flex Cl.5	704,00	588,70	18,30	black

