



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



Technical attributes

Standards	IEC 60092/353, IEC 60092/350-351-359, IEC 60332/1, IEC 60332/3 Cat A, IEC 60754/1-2, IEC 61034/1-2 (DIN EN 50268/1-2)
Conductor material	annealed Electrolytic-Cu, bare
Conductor type	flexible
Conductor standard	IEC 60228
Conductor category	5
Core insulation	XLPE
Core colours	2-cores: blue/brown; 3-cores: brown/black/grey; 4-cores: blue/brown/black/grey; 5-cores: blue/brown/black/grey/black
Separating layer	separating foil, $\geq 25 \text{ mm}^2$ with filler
Screening	Electrolytic-Cu-braiding
Outer sheath	Thermoplastic Polyolefin (TPO) compound: HM4/SHF1 acc. to IEC 60092-359
Outer sheath colour	black
Temperature range min., mobile operation	-40 °C
Temperature range max., mobile operation	+90 °C
Nominal voltage U_0/U	0,6/1 kV
Test voltage	3,5 kV
Minimum bending radius, fixed installation	8 x cable-Ø

Description

Applicable as fixed installed power cables in various electromechanical and electronic appliances of marine vehicles. Usable at all conditions in marine environment such as dry, wet or oily applications. Due to its halogen-free and flame-retardant features as well as the low-smoke density feature it will neither create corrosive gases nor obstruct visibility, it prevents the spread of fire. Thus the cables are able to protect human life and equipment during a fire.

Note

Power cable, screened

On request: class 2; other cross-sections / outer jacket colors

- halogen-free IEC 60754/1-2
- flame-retardant IEC 60332/1, IEC 60332/3 Cat A
- oil-resistant
- smoke density IEC 61034/1-2 (DIN EN 50268/1-2)

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
04047038	M2XCH (NOFI) 0,6/1 kV 1 x 6 bk flex Cl.5	111,00	83,10	7,30	black



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04047039	M2XCH (NOFI) 0,6/1 kV 1 x 10 bk flex Cl.5	165,00	126,30	8,60	black
04047040	M2XCH (NOFI) 0,6/1 kV 1 x 16 bk flex Cl.5	225,00	189,20	9,60	black
04047041	M2XCH (NOFI) 0,6/1 kV 1 x 25 bk flex Cl.5	335,00	284,60	11,90	black
04047042	M2XCH (NOFI) 0,6/1 kV 1 x 35 bk flex Cl.5	431,00	387,00	12,80	black
04047043	M2XCH (NOFI) 0,6/1 kV 1 x 50 bk flex Cl.5	614,00	568,30	15,10	black
04047044	M2XCH (NOFI) 0,6/1 kV 1 x 70 bk flex Cl.5	851,00	776,00	17,40	black
04047045	M2XCH (NOFI) 0,6/1 kV 1 x 95 bk flex Cl.5	1062,00	1030,10	19,00	black
04047046	M2XCH (NOFI) 0,6/1 kV 1 x 120 bk flex Cl.5	1332,00	1283,20	21,10	black
04047047	M2XCH (NOFI) 0,6/1 kV 1 x 150 bk flex Cl.5	1631,00	1586,20	23,10	black
04047048	M2XCH (NOFI) 0,6/1 kV 1 x 185 bk flex Cl.5	1963,00	2059,10	25,60	black
04047027	M2XCH (NOFI) 0,6/1 kV 1 x 240 bk flex Cl.5	2586,00	2482,40	28,90	black
04047049	M2XCH (NOFI) 0,6/1 kV 1 x 300 bk flex Cl.5	3152,00	3082,50	31,70	black
04047002	M2XCH (NOFI) 0,6/1 kV 2 x 1,5 bk flex Cl.5	107,00	72,50	8,90	black
04047015	M2XCH (NOFI) 0,6/1 kV 2 x 2,5 bk flex Cl.5	134,00	95,90	9,80	black
04047014	M2XCH (FI) 0,6/1 kV 2 x 2,5 bk flex Cl.5	216,00	95,90	11,60	black
04047052	M2XCH (NOFI) 0,6/1 kV 2 x 4 bk flex Cl.5	174,00	131,20	10,80	black
04047053	M2XCH (FI) 0,6/1 kV 2 x 4 bk flex Cl.5	269,00	131,20	12,60	black
04047054	M2XCH (NOFI) 0,6/1 kV 2 x 6 bk flex Cl.5	224,00	204,90	12,10	black
04047055	M2XCH (FI) 0,6/1 kV 2 x 6 bk flex Cl.5	367,00	204,90	14,30	black
04047056	M2XCH (NOFI) 0,6/1 kV 2 x 10 bk flex Cl.5	381,00	296,00	14,90	black
04047057	M2XCH (FI) 0,6/1 kV 2 x 10 bk flex Cl.5	520,00	296,00	16,70	black
04047059	M2XCH (FI) 0,6/1 kV 2 x 16 bk flex Cl.5	690,00	427,50	18,70	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
04047058	M2XCH (NOFI) 0,6/1 kV 2 x 16 bk flex Cl.5	525,00	427,50	17,10	black
04047060	M2XCH (FI) 0,6/1 kV 2 x 25 bk flex Cl.5	1034,00	626,20	23,30	black
04047061	M2XCH (FI) 0,6/1 kV 2 x 35 bk flex Cl.5	1296,00	873,60	25,30	black
04047062	M2XCH (FI) 0,6/1 kV 2 x 50 bk flex Cl.5	1720,00	1246,00	28,90	black
04047004	M2XCH (NOFI) 0,6/1 kV 3 x 1,5 bk flex Cl.5	130,00	87,80	9,40	black
04047003	M2XCH (NOFI) 0,6/1 kV 3 G 1,5 bk flex Cl.5	130,00	87,80	9,40	black
04047005	M2XCH (FI) 0,6/1 kV 3 x 1,5 bk flex Cl.5	200,00	87,80	11,20	black
04047017	M2XCH (NOFI) 0,6/1 kV 3 x 2,5 bk flex Cl.5	165,00	123,50	10,30	black
04047016	M2XCH (NOFI) 0,6/1 kV 3 G 2,5 bk flex Cl.5	165,00	123,50	10,30	black
04047067	M2XCH (FI) 0,6/1 kV 3 x 2,5 bk flex Cl.5	247,00	123,50	12,20	black
04047068	M2XCH (FI) 0,6/1 kV 3 G 2,5 bk flex Cl.5	247,00	123,50	12,20	black
04047020	M2XCH (NOFI) 0,6/1 kV 3 x 4 bk flex Cl.5	224,00	172,50	11,60	black
04047019	M2XCH (NOFI) 0,6/1 kV 3 G 4 bk flex Cl.5	224,00	172,50	11,60	black
04047069	M2XCH (FI) 0,6/1 kV 3 x 4 bk flex Cl.5	350,00	172,50	13,90	black
04047070	M2XCH (FI) 0,6/1 kV 3 G 4 bk flex Cl.5	350,00	172,50	13,90	black
04047021	M2XCH (NOFI) 0,6/1 kV 3 x 6 bk flex Cl.5	290,00	232,00	12,80	black
04047072	M2XCH (FI) 0,6/1 kV 3 x 6 bk flex Cl.5	432,00	232,00	15,10	black
04047073	M2XCH (FI) 0,6/1 kV 3 G 6 bk flex Cl.5	432,00	232,00	15,10	black
04047071	M2XCH (NOFI) 0,6/1 kV 3 G 6 bk flex Cl.5	290,00	232,00	12,80	black
04047022	M2XCH (NOFI) 0,6/1 kV 3 x 10 bk flex Cl.5	470,00	399,50	15,70	black
04047074	M2XCH (NOFI) 0,6/1 kV 3 G 10 bk flex Cl.5	470,00	399,50	15,70	black
04047075	M2XCH (FI) 0,6/1 kV 3 x 10 bk flex Cl.5	620,00	399,50	17,60	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
04047076	M2XCH (FI) 0,6/1 kV 3 G 10 bk flex Cl.5	620,00	399,50	17,60	black
04047023	M2XCH (NOFI) 0,6/1 kV 3 x 16 bk flex Cl.5	690,00	588,70	18,10	black
04047077	M2XCH (NOFI) 0,6/1 kV 3 G 16 bk flex Cl.5	690,00	588,70	18,10	black
04047078	M2XCH (FI) 0,6/1 kV 3 x 16 bk flex Cl.5	848,00	588,70	20,00	black
04047079	M2XCH (FI) 0,6/1 kV 3 G 16 bk flex Cl.5	848,00	588,70	20,00	black
04047080	M2XCH (FI) 0,6/1 kV 3 G 25 bk flex Cl.5	1271,00	877,50	24,90	black
04047081	M2XCH (FI) 0,6/1 kV 3 G 35 bk flex Cl.5	1607,00	1183,50	26,90	black
04047024	M2XCH (FI) 0,6/1 kV 3 x 50 bk flex Cl.5	2158,00	1638,70	30,90	black
04047082	M2XCH (FI) 0,6/1 kV 3 G 50 bk flex Cl.5	2158,00	1638,70	30,90	black
04047025	M2XCH (FI) 0,6/1 kV 3 x 70 bk flex Cl.5	3130,00	2254,30	36,70	black
04047083	M2XCH (FI) 0,6/1 kV 3 G 70 bk flex Cl.5	3130,00	2254,30	36,70	black
04047026	M2XCH (FI) 0,6/1 kV 3 x 95 bk flex Cl.5	3896,00	3095,90	40,30	black
04047084	M2XCH (FI) 0,6/1 kV 3 G 95 bk flex Cl.5	3896,00	3095,90	40,30	black
04047032	M2XCH (FI) 0,6/1 kV 3 x 120 bk flex Cl.5	4919,00	3910,60	45,20	black
04047085	M2XCH (FI) 0,6/1 kV 3 G 120 bk flex Cl.5	4919,00	3910,60	45,20	black
04047086	M2XCH (FI) 0,6/1 kV 3 x 150 bk flex Cl.5	5995,00	4788,20	49,50	black
04047087	M2XCH (FI) 0,6/1 kV 3 G 150 bk flex Cl.5	5995,00	4788,20	49,50	black
04047008	M2XCH (NOFI) 0,6/1 kV 4 x 1,5 bk flex Cl.5	160,00	101,60	10,20	black
04047007	M2XCH (NOFI) 0,6/1 kV 4 G 1,5 bk flex Cl.5	160,00	101,60	10,20	black
04047088	M2XCH (FI) 0,6/1 kV 4 x 1,5 bk flex Cl.5	226,00	101,60	12,00	black
04047089	M2XCH (FI) 0,6/1 kV 4 G 1,5 bk flex Cl.5	226,00	101,60	12,00	black
04047028	M2XCH (NOFI) 0,6/1 kV 4 x 2,5 bk flex Cl.5	210,00	151,90	11,50	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
04047036	M2XCH (NOFI) 0,6/1 kV 4 G 2,5 bk flex Cl.5	210,00	151,90	11,50	black
04047094	M2XCH (FI) 0,6/1 kV 4 x 2,5 bk flex Cl.5	284,00	151,90	13,10	black
04047095	M2XCH (FI) 0,6/1 kV 4 G 2,5 bk flex Cl.5	284,00	151,90	13,10	black
04047033	M2XCH (NOFI) 0,6/1 kV 4 x 4 bk flex Cl.5	275,00	252,00	12,70	black
04047096	M2XCH (NOFI) 0,6/1 kV 4 G 4 bk flex Cl.5	275,00	252,00	12,70	black
04047097	M2XCH (FI) 0,6/1 kV 4 x 4 bk flex Cl.5	403,00	252,00	14,90	black
04047098	M2XCH (FI) 0,6/1 kV 4 G 4 bk flex Cl.5	403,00	252,00	14,90	black
04047034	M2XCH (NOFI) 0,6/1 kV 4 x 6 bk flex Cl.5	395,00	335,00	14,60	black
04047099	M2XCH (NOFI) 0,6/1 kV 4 G 6 bk flex Cl.5	395,00	335,00	14,60	black
04047100	M2XCH (FI) 0,6/1 kV 4 x 6 bk flex Cl.5	504,00	335,00	16,20	black
04047101	M2XCH (FI) 0,6/1 kV 4 G 6 bk flex Cl.5	504,00	335,00	16,20	black
04047102	M2XCH (NOFI) 0,6/1 kV 4 x 10 bk flex Cl.5	605,00	506,40	17,50	black
04047103	M2XCH (NOFI) 0,6/1 kV 4 G 10 bk flex Cl.5	605,00	506,40	17,50	black
04047104	M2XCH (FI) 0,6/1 kV 4 x 10 bk flex Cl.5	749,00	506,40	19,30	black
04047105	M2XCH (FI) 0,6/1 kV 4 G 10 bk flex Cl.5	749,00	506,40	19,30	black
04047106	M2XCH (NOFI) 0,6/1 kV 4 x 16 bk flex Cl.5	850,00	755,60	20,10	black
04047107	M2XCH (NOFI) 0,6/1 kV 4 G 16 bk flex Cl.5	850,00	755,60	20,10	black
04047108	M2XCH (FI) 0,6/1 kV 4 x 16 bk flex Cl.5	1028,00	755,60	21,70	black
04047109	M2XCH (FI) 0,6/1 kV 4 G 16 bk flex Cl.5	1028,00	755,60	21,70	black
04047110	M2XCH (FI) 0,6/1 kV 4 x 25 bk flex Cl.5	1561,00	1133,90	27,40	black
04047111	M2XCH (FI) 0,6/1 kV 4 G 25 bk flex Cl.5	1561,00	1133,90	27,40	black
04047112	M2XCH (FI) 0,6/1 kV 4 x 35 bk flex Cl.5	1983,00	1539,10	29,50	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
04047113	M2XCH (FI) 0,6/1 kV 4 G 35 bk flex Cl.5	1983,00	1539,10	29,50	black
04047114	M2XCH (FI) 0,6/1 kV 4 x 50 bk flex Cl.5	2719,00	2145,70	34,50	black
04047115	M2XCH (FI) 0,6/1 kV 4 G 50 bk flex Cl.5	2719,00	2145,70	34,50	black
04047116	M2XCH (FI) 0,6/1 kV 4 x 70 bk flex Cl.5	3876,00	3044,60	40,30	black
04047117	M2XCH (FI) 0,6/1 kV 4 G 70 bk flex Cl.5	3876,00	3044,60	40,30	black
04047118	M2XCH (FI) 0,6/1 kV 4 x 95 bk flex Cl.5	4922,00	4049,20	45,00	black
04047119	M2XCH (FI) 0,6/1 kV 4 G 95 bk flex Cl.5	4922,00	4049,20	45,00	black
04047009	M2XCH (NOFI) 0,6/1 kV 5 x 1,5 bk flex Cl.5	188,00	127,40	11,20	black
04047035	M2XCH (NOFI) 0,6/1 kV 5 G 1,5 bk flex Cl.5	188,00	127,40	11,20	black
04047129	M2XCH (FI) 0,6/1 kV 5 x 1,5 bk flex Cl.5	260,00	127,40	12,80	black
04047130	M2XCH (FI) 0,6/1 kV 5 G 1,5 bk flex Cl.5	260,00	127,40	12,80	black
04047029	M2XCH (NOFI) 0,6/1 kV 5 x 2,5 bk flex Cl.5	248,00	212,20	12,50	black
04047037	M2XCH (NOFI) 0,6/1 kV 5 G 2,5 bk flex Cl.5	248,00	212,20	12,50	black
04047131	M2XCH (FI) 0,6/1 kV 5 x 2,5 bk flex Cl.5	368,00	212,20	14,70	black
04047132	M2XCH (FI) 0,6/1 kV 5 G 2,5 bk flex Cl.5	368,00	212,20	14,70	black
04047190	M2XCH (NOFI) 0,6/1 kV 5 G 4 bk flex Cl.5	368,00	282,00	14,40	black
04047191	M2XCH (NOFI) 0,6/1 kV 5 G 10 bk flex Cl.5	736,00	619,60	19,30	black
04047192	M2XCH (NOFI) 0,6/1 kV 5 G 16 bk flex Cl.5	1045,00	929,70	22,20	black
04047120	M2XCH (NOFI) 0,6/1 kV 7 x 1,5 bk flex Cl.5	230,00	190,60	12,00	black
04047133	M2XCH (FI) 0,6/1 kV 7 x 1,5 bk flex Cl.5	338,00	190,60	14,20	black
04047121	M2XCH (NOFI) 0,6/1 kV 7 x 2,5 bk flex Cl.5	342,00	268,30	14,00	black
04047134	M2XCH (FI) 0,6/1 kV 7 x 2,5 bk flex Cl.5	432,00	268,30	15,60	black



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04047122	M2XCH (NOFI) 0,6/1 kV 10 x 1,5 bk flex Cl.5	355,00	242,40	15,50	black
04047135	M2XCH (FI) 0,6/1 kV 10 x 1,5 bk flex Cl.5	463,00	242,40	17,30	black
04047123	M2XCH (NOFI) 0,6/1 kV 12 x 1,5 bk flex Cl.5	390,00	287,60	16,00	black
04047136	M2XCH (FI) 0,6/1 kV 12 x 1,5 bk flex Cl.5	503,00	287,60	17,80	black
04047124	M2XCH (NOFI) 0,6/1 kV 14 x 1,5 bk flex Cl.5	445,00	310,30	442,00	black
04047137	M2XCH (FI) 0,6/1 kV 14 x 1,5 bk flex Cl.5	555,00	310,30	18,60	black
04047125	M2XCH (NOFI) 0,6/1 kV 16 x 1,5 bk flex Cl.5	491,00	354,20	17,90	black
04047126	M2XCH (NOFI) 0,6/1 kV 19 x 1,5 bk flex Cl.5	548,00	396,10	18,60	black
04047139	M2XCH (FI) 0,6/1 kV 19 x 1,5 bk flex Cl.5	666,00	396,10	20,40	black
04047127	M2XCH (NOFI) 0,6/1 kV 24 x 1,5 bk flex Cl.5	690,00	502,30	21,70	black
04047140	M2XCH (FI) 0,6/1 kV 24 x 1,5 bk flex Cl.5	824,00	502,30	23,50	black
04047030	M2XCH (FI) 0,6/1 kV 3 x 25 bk flex Cl.5	1271,00	877,50	24,90	black
04047001	M2XCH (FI) 0,6/1 kV 2 x 1,5 bk flex Cl.5	172,00	72,50	10,50	black