

## M2X



### Areas of Use

Used as fixed installation cable in marine vehicles. Halogen-Free and Flame Retardant construction ensures non-corrosive and highly visible environment during a fire.

### Cable Construction

<b>Conductor</b>	Stranded Annealed Copper (IEC/EN 60228, Class 5) (tinned copper and/or Class 2 versions are available upon request)
<b>Insulation</b>	XL HFFR (IEC 60092-360 HF90), Standard Outer Sheath: Black (other colors and double sheath upon request)
<b>Reference Standards</b>	IEC 60092-353

### Technical Properties

<b>Operating Voltage</b>	0.6/1 (1.2) kV
<b>Test Voltage</b>	3.5 kV (a.c.) 8.4 kV (d.c)
<b>Conductor Resistance</b>	IEC/EN 60228
<b>Insulation Resistance</b>	>4000 M.Ω x km
<b>Temperature Range</b>	-40 °C.....+90 °C
<b>Flame Retardancy</b>	IEC/EN 60332-1-2, IEC/EN 60332-3-22 (CAT A)
<b>Smoke Density</b>	IEC/EN 61034-1+2
<b>Amount of Halogen Acid Gas</b>	IEC/EN 60754-1
<b>Corrosive Gases Measurement</b>	IEC/EN 60754-2
<b>Min. Bending Radius (Fixed)</b>	4 x Cable Diameter

### Cross Section

Configuration / Cross-Section (mm/mm <sup>2</sup> )	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
1x0.5	2,1	5	9
1x1	4.7	10	36
1x0.75	2,3	8	11
1x1.5	5.0	15	43
1x1	2,6	10	15
1x2.5	5.4	24	56
1x1.5	2,9	15	20
1x4	5.9	38	74
1x6	6.5	57	98
1x2.5	3,3	24	29

1x10	7.2	96	143
1x4	3,9	38	44
1x16	8.2	150	206
1x6	4,4	57	60
1x10	5,5	94	101
1x25	9.9	231	311
1x16	6,6	151	152
1x35	10.9	316	406
1x25	8,4	236	238
1x50	12.5	449	561
1x35	9,6	310	330
1x70	14.9	617	765
1x50	11,4	450	473
1x95	16.2	842	1004
1x70	13,5	658	672
1x120	18.2	1078	1277
1x95	15,0	850	892
1x150	20.0	1306	1544
1x120	16,8	1072	1125
1x185	22.0	1643	1925
1x150	19,0	1341	1413
1x240	25.1	2142	2489
1x185	21,6	1655	1739
1x240	24,3	2145	2255
1x300	28.1	2754	3169

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