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

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

Technical Properties

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

Cross Section

Configuration / Cross-Section (mm/mm^2)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
1x1	4.7	10	36
1x1.5	5.0	15	43
1x2.5	5.4	24	56
1x4	5.9	38	74
1x6	6.5	57	98
1x10	7.2	96	143
1x16	8.2	150	206
1x25	9.9	231	311
1x35	10.9	316	406
1x50	12.5	449	561

1x70	14.9	617	765
1x95	16.2	842	1004
1x120	18.2	1078	1277
1x150	20.0	1306	1544
1x185	22.0	1643	1925
1x240	25.1	2142	2489
1x300	28.1	2754	3169

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