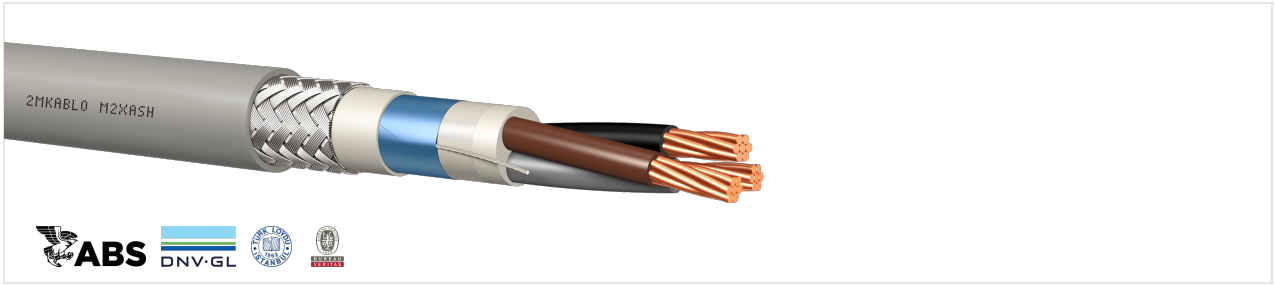
M2XASH



Areas of Use

Used as fixed installation cable in marine vehicles. Screening layer forms a shield for protection against electromagnetic interferences. Halogen-Free and Flame Retardant construction ensure non-corrosive and highly visible environment during a fire.

Cable Construction

Conductor	Stranded Annealed Copper (IEC/EN 60228, Class 2) (tinned copper and/or Class 5 versions are available upon request)
Insulation	XLPE (IEC 60092-360)
Core Colors	According to HD 308 S2 (# of Cores ≥5 => White numbered)
Lay-up	Cores are stranded in layers
Separator	PET Foil
Overall Screen	Al-PET Foil (with Tinned Copper Drain Wire)
Inner Sheath	HFFR
Armour	Galvanised Steel Wire Braid
Outer Sheath	HFFR (IEC 60092-360 SHF1), RAL 9005 - Black or RAL 7001 - Grey
Reference Standards	IEC 60092-353

Technical Properties

Operating Voltage	0.6/1 (1.2) kV
Test Voltage	1.5 kV (a.c) 3.6 kV (d.c)
Conductor Resistance	IEC/EN 60228
Insulation Resistance	>5000 M.Ωxkm
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)	8 x Cable Diameter

Cross Section

Configuration / Cross-Section (mm/mm²)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
1x1	6.2	17	53
2x1	9.1	27	95
3x1	9.6	37	104
4x1	10.4	47	125

5x1	11.1	56	151
7x1	12.0	76	181
12x1	15.3	125	278
16x1	16.9	164	367
19x1	17.8	194	402
24x1	20.7	243	496
27x1	21.1	273	546
37x1	23.6	371	710
1x1.5	6.5	22	59
2x1.5	9.7	36	112
3x1.5	10.2	50	126
4x1.5	11.0	65	151
5x1.5	11.9	79	186
7x1.5	12.9	108	224
12x1.5	16.6	180	353
16x1.5	18.3	237	467
19x1.5	19.2	280	512
24x1.5	22.4	352	634
27x1.5	23.0	395	699
37x1.5	25.7	539	916
1x2.5	6.9	32	72
2x2.5	10.6	55	143
3x2.5	11.2	78	165
4x2.5	12.1	101	199
5x2.5	13.2	124	248
7x2.5	14.3	171	306
12x2.5	18.5	286	487
16x2.5	20.4	379	651
19x2.5	21.5	448	716
24x2.5	25.1	564	890
27x2.5	25.7	634	984
37x2.5	28.8	865	1299
1x4	7.5	45	91
2x4	11.7	82	186
3x4	12.4	118	216
4x4	13.5	155	271
1x6	8.1	64	116
2x6	13.0	119	243
3x6	13.7	174	288
4x6	14.9	230	360
1x10	8.9	102	163
2x10	14.5	195	345
3x10	15.5	289	420
4x10	16.9	382	536
1x16	9.9	155	224
2x16	20.6	302	661

3x16	21.7	449	796
4x16	23.4	596	988
1x25	11.7	242	333
2x25	24.3	475	983
3x25	25.7	708	1186
4x25	27.8	941	1485
1x35	12.8	330	433
2x35	26.5	651	1257
3x35	28.1	972	1530
4x35	30.5	1294	1927
1x50	14.2	436	557
2x50	29.3	863	1613
3x50	31.1	1290	1966
4x50	34.4	1718	2491
1x70	17.1	645	802
2x70	36.3	1281	2406
3x70	38.6	1917	2987
4x70	42.2	2554	3763
1x95	18.0	858	1024
2x95	38.3	1707	2964
3x95	40.7	2557	3727
4x95	45.0	3406	4740
1x120	20.1	1227	1422
3x120	45.5	3666	5073
4x120	50.3	4885	6547
1x150	21.9	1390	1616
3x150	49.9	4154	5869
4x150	54.8	5536	7484
1x185	24.4	1659	1925
3x185	55.7	4960	7045
1x240	28.7	2174	2500
3x240	65.4	6504	9336
1x300	29.8	3053	3402

14.11.2026 3:29

Legal Warning: The information in this catalog is for marketing purposes. 2M Kablo can change this catalog during product development and any requirements. 2M Kablo can always change designs, technical specifications, images and other informations in this catalog without any notice.This catalog is only a guide and is valid at the time of download, not valid for an offer or contract.
If you need more information about the products in this catalog, please contact us via info@2mkablo.com or call +90 (212) 222 8250.