

FM2XH



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 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 | Pair: Black / White, Numbered Quad: Black / White / Red / Blue, Numbered |
| Lay-up | Cores are twisted as pairs and pairs are stranded in layers |
| Separator | PET Foil (HFFR filler upon request) |
| Outer Sheath | HFFR (IEC 60092-360 SHF1), RAL 9005 - Black or RAL 7001 - Grey |
| Reference Standards | IEC 60092-376 |

Technical Properties

| | |
|------------------------------------|---|
| Operating Voltage | 150/250 (300) V |
| 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/mm ²) | Cable Diameter (mm) (± 5%) | Copper Weight (kg / km) | ~ Cable Weight (kg / km) |
|---|----------------------------|-------------------------|--------------------------|
| 6x3x0.5 | 12.1 | 91 | 191 |
| 2x0.75 | 6,3 | 14 | 53 |
| 3x0.75 | 6,7 | 22 | 60 |
| 6x4x0.5 | 15.1 | 117 | 271 |
| 4x0.75 | 7,2 | 29 | 73 |
| 8x3x0.5 | 13.5 | 117 | 234 |

| | | | |
|-----------|------|-----|-----|
| 5x0.75 | 7,9 | 36 | 90 |
| 8x4x0.5 | 16.9 | 156 | 322 |
| 7x0.75 | 8,6 | 50 | 112 |
| 9x3x0.5 | 15.4 | 132 | 285 |
| 10x0.75 | 10,9 | 72 | 158 |
| 9x4x0.5 | 19.4 | 176 | 383 |
| 12x0.75 | 11,2 | 86 | 180 |
| 11x3x0.5 | 15.4 | 161 | 324 |
| 14x0.75 | 11,7 | 101 | 204 |
| 11x4x0.5 | 19.4 | 211 | 431 |
| 16x0.75 | 12,4 | 115 | 232 |
| 12x3x0.5 | 15.9 | 176 | 335 |
| 19x0.75 | 13,1 | 137 | 265 |
| 12x4x0.5 | 20.2 | 230 | 452 |
| 20x0.75 | 13,9 | 144 | 286 |
| 2x2x0.75 | 9.2 | 31 | 100 |
| 24x0.75 | 15,4 | 173 | 335 |
| 3x2x0.75 | 9.8 | 46 | 113 |
| 27x0.75 | 15,7 | 195 | 368 |
| 4x2x0.75 | 10.7 | 61 | 139 |
| 32x0.75 | 17,0 | 231 | 432 |
| 5x2x0.75 | 11.9 | 77 | 179 |
| 37x0.75 | 17,7 | 267 | 486 |
| 6x3x0.75 | 14.6 | 134 | 270 |
| 2x1.5 | 7,7 | 28 | 82 |
| 6x4x0.75 | 18.3 | 179 | 389 |
| 3x1.5 | 8,2 | 43 | 95 |
| 7x2x0.75 | 12.9 | 107 | 216 |
| 4x1.5 | 9,0 | 57 | 119 |
| 8x3x0.75 | 16.3 | 179 | 343 |
| 5x1.5 | 9,8 | 71 | 148 |
| 8x4x0.75 | 20.8 | 234 | 468 |
| 7x1.5 | 10,7 | 100 | 188 |
| 9x3x0.75 | 18.7 | 201 | 410 |
| 10x1.5 | 13,7 | 142 | 267 |
| 9x4x0.75 | 23.6 | 263 | 552 |
| 12x1.5 | 14,1 | 171 | 309 |
| 10x2x0.75 | 16.6 | 149 | 304 |
| 14x1.5 | 14,9 | 199 | 353 |
| 11x3x0.75 | 18.7 | 241 | 461 |
| 16x1.5 | 15,7 | 228 | 402 |
| 11x4x0.75 | 23.8 | 321 | 643 |
| 19x1.5 | 16,6 | 270 | 462 |
| 12x2x0.75 | 17.3 | 178 | 356 |
| 20x1.5 | 17,6 | 285 | 498 |
| 12x3x0.75 | 19.3 | 263 | 483 |

| | | | |
|-----------|------|------|------|
| 24x1.5 | 19,6 | 342 | 585 |
| 12x4x0.75 | 24.6 | 350 | 660 |
| 27x1.5 | 20,0 | 384 | 646 |
| 14x2x0.75 | 18.2 | 208 | 402 |
| 32x1.5 | 21,6 | 455 | 761 |
| 16x2x0.75 | 19.2 | 238 | 448 |
| 37x1.5 | 22,5 | 527 | 861 |
| 19x2x0.75 | 20.4 | 281 | 518 |
| 24x2x0.75 | 24.1 | 350 | 656 |
| 27x2x0.75 | 24.6 | 394 | 719 |
| 37x2x0.75 | 27.8 | 530 | 943 |
| 6x3x1 | 15.6 | 180 | 329 |
| 6x4x1 | 19.6 | 236 | 470 |
| 8x3x1 | 17.5 | 236 | 415 |
| 8x4x1 | 22.2 | 315 | 570 |
| 9x3x1 | 20.1 | 266 | 494 |
| 9x4x1 | 25.5 | 354 | 687 |
| 11x3x1 | 20.1 | 325 | 569 |
| 11x4x1 | 25.5 | 433 | 788 |
| 12x3x1 | 20.9 | 354 | 605 |
| 12x4x1 | 26.6 | 472 | 823 |
| 6x3x1.5 | 18.4 | 259 | 458 |
| 6x4x1.5 | 23.4 | 347 | 658 |
| 8x3x1.5 | 20.9 | 346 | 593 |
| 8x4x1.5 | 26.6 | 461 | 814 |
| 9x3x1.5 | 23.8 | 389 | 692 |
| 9x4x1.5 | 30.4 | 519 | 979 |
| 11x3x1.5 | 23.9 | 476 | 815 |
| 11x4x1.5 | 30.4 | 622 | 1114 |
| 12x3x1.5 | 24.8 | 519 | 855 |
| 12x4x1.5 | 31.7 | 679 | 1163 |
| 6x3x2.5 | 21.0 | 424 | 661 |
| 6x4x2.5 | 26.7 | 556 | 950 |
| 8x3x2.5 | 23.9 | 556 | 855 |
| 8x4x2.5 | 30.4 | 741 | 1166 |
| 9x3x2.5 | 27.4 | 625 | 1009 |
| 9x4x2.5 | 34.8 | 834 | 1378 |
| 11x3x2.5 | 27.4 | 764 | 1176 |
| 11x4x2.5 | 35.0 | 1018 | 1617 |
| 12x3x2.5 | 28.3 | 833 | 1240 |
| 12x4x2.5 | 36.2 | 1100 | 1673 |

21.06.2026 15:00

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.

