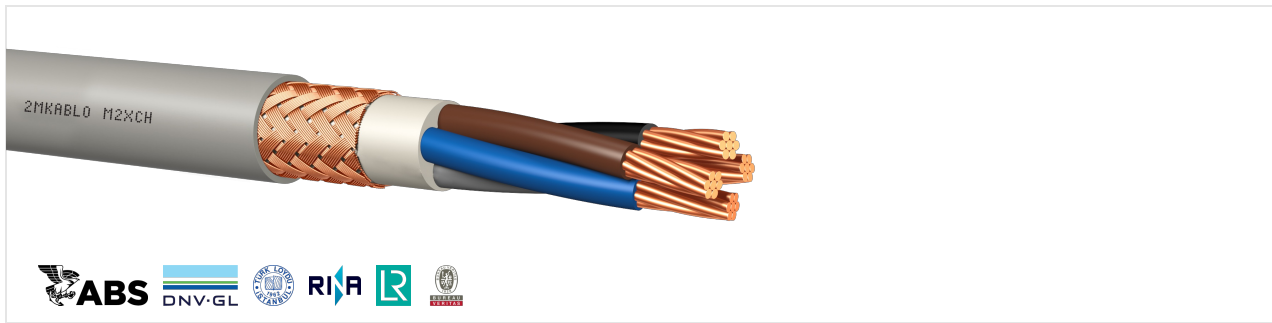


M2XCH



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 \geq 5 => White numbered) |
| Inner Sheath / Separator | PET Foil (HFFR filler upon request) |
| Overall Screen | Annealed Copper Wire Braiding (90% Coverage) |
| 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 | 3.5 kV (a.c.) 8.4 kV (d.c) |
| Conductor Resistance | IEC/EN 60228 |
| Insulation Resistance | $>5000 \text{ M}\Omega\text{km}$ |
| Temperature Range | $-40 \text{ }^\circ\text{C} \dots \dots +90 \text{ }^\circ\text{C}$ |
| 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 |

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