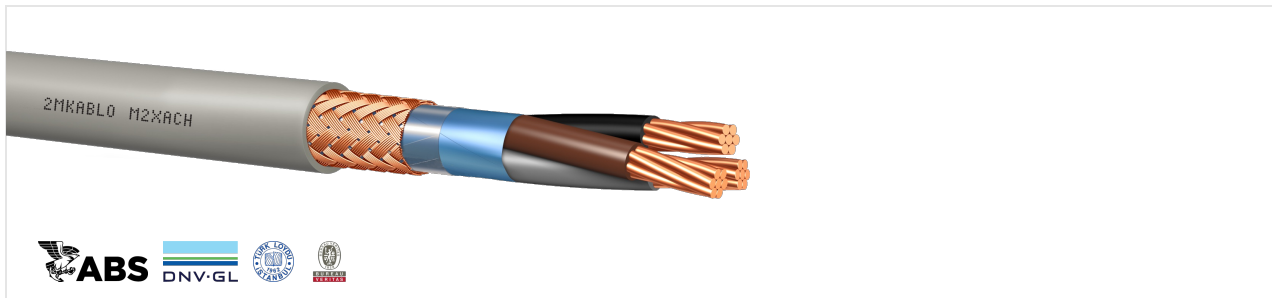


## M2XACH



### 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

|                            |   |
|----------------------------|---|
| <b>Conductor</b>           | Stranded Annealed Copper (IEC/EN 60228, Class 2) (tinned copper and/or Class 5 versions are available upon request) |
| <b>Insulation</b>          | XLPE (IEC 60092-360)  |
| <b>Core Colors</b>         | According to HD 308 S2 (# of Cores $\geq 5$ => White numbered)  |
| <b>Lay-up</b>              | Cores are stranded in layers  |
| <b>Separator</b>           | PET Foil  |
| <b>1. Overall Screen</b>   | Al-PET Foil (with Tinned Copper Drain Wire)   |
| <b>Separator</b>           | PET Foil (HFFR filler upon request)   |
| <b>2. Overall Screen</b>   | Annealed Copper Wire Braid (90% Coverage)   |
| <b>Outer Sheath</b>        | HFFR (IEC 60092-360 SHF1), RAL 9005 - Black or RAL 7001 - Grey  |
| <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>       | >5000 M. $\Omega$ xkm                       |
| <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> | 8 x Cable Diameter                          |

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