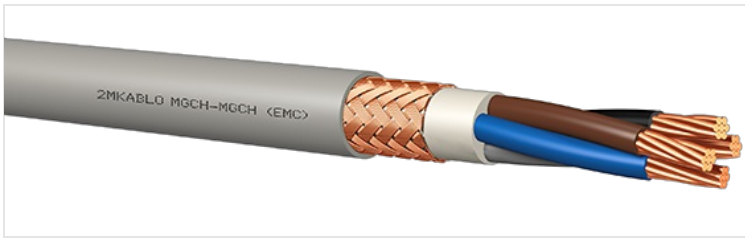
# MGCH




## 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** | HEPR (IEC 60092-360) |
| **Core Colors** | According to HD 308 S2 (# of Cores ≥5 => White numbered) |
| **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 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 |

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