

Marine & Offshore Cable - Fire Resistant, EPR Overall Screened - BS7917/6883, UKOOA - 0.75mm² to 1.5mm²



Description

The MGT / VEPR marine cable is primarily designed for fixed wiring installations in ships and other offshore units. These can be installations such as safety and emergency lighting, shut down control systems, gas detectors, alarm systems and fire pump systems. They are particularly ideal for social areas such as control rooms, computer suites and accommodation / kitchen facilities. Due to their construction, they are suitable for use in accommodation units and IT suites.

Key Features



Voltage Rating
150/250 Volts



Minimum Bending Radius
4 x Overall Diameter



Flame Retardancy
BS EN 60332-3-24



Temperature Limits
Temperature Range: -40 to 90°C

Core Colours

Numbered Cores

Pairs - Black White

Triples - Black White Red

Quad - Black White Red Blue

Sheath Colour: Grey or Blue

Additional Information

[UKOOA Cable Identifier](#)

Standards

- IEC/EN 61034-1/2,
- IEC/EN 60754-1/2
- BS EN/IEC 60332-1
- BS EN/IEC 60228
- BS EN/IEC 60332-3-22
- IEC 60331-21
- BS7917 & BS6883

Construction

- **Conductor:** Class 5 tinned copper
- **Insulation:** MICA Glass Tape (MGT) with EPR GP4 insulation laid in pairs triples or quads. Wrapped in polyester tape
- **Bedding:** Low Smoke Zero Halogen (LSZH)
- **Armour:** Galvanised Steel Wire Braid (GSWB)
- **Tape Separator:** Polyester Tape (PET)
- **Outer Sheath:** SW4 Low smoke zero Halogen (LSZH)

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

Marine & Offshore Cable - Fire Resistant, EPR Overall Screened - BS7917/6883, UKOOA - 0.75mm² to 1.5mm² - Dimensions

| Reference | Conductor Size (mm2) | No Of Cores | No Of Pairs | Stranding(mm) | UKOOA Code | Sheath Colour | Weight(Kg/Km) |
|-----------|----------------------|-------------|-------------|---------------|------------|---------------|---------------|
| GLU00 | 0.75 | 12 Triple | 12Triple | 24/0.2 | GLU00 | BLUE | 1450 |
| GLT00 | 0.75 | 7 Triple | 7Triple | 24/0.2 | GLT00 | BLUE | 930 |
| GLS00 | 0.75 | 3 Triple | 3Triple | 24/0.2 | GLS00 | BLUE | 550 |
| GNU00 | 0.75 | 12 Triple | 12Triple | 24/0.2 | GNU00 | GREY | 1450 |
| GNT00 | 0.75 | 7 Triple | 7Triple | 24/0.2 | GNT00 | GREY | 930 |
| GNS00 | 0.75 | 3 Triple | 3Triple | 24/0.2 | GNS00 | GREY | 550 |
| GLL00 | 0.75 | 20 Pair | 20 | 24/0.2 | GLL00 | BLUE | 1720 |
| GLK00 | 0.75 | 12 Pair | 12 | 24/0.2 | GLK00 | BLUE | 1120 |
| GLJ00 | 0.75 | 7 Pair | 7 | 24/0.2 | GLJ00 | BLUE | 740 |
| GLH00 | 0.75 | 3 Pair | 3 | 24/0.2 | GLH00 | BLUE | 450 |
| GNL00 | 0.75 | 20 Pair | 20 | 24/0.2 | GNL00 | GREY | 1720 |
| GNK00 | 0.75 | 12 Pair | 12 | 24/0.2 | GNK00 | GREY | 1120 |
| GNJ00 | 0.75 | 7 Pair | 7 | 24/0.2 | GNJ00 | GREY | 740 |
| GNH00 | 0.75 | 3 Pair | 2 | 24/0.2 | GNH00 | GREY | 450 |
| GLU02 | 1.5 | 12 Triple | 12Triple | 7/0.53 | GLU02 | BLUE | 2020 |
| GLT02 | 1.5 | 7 Triple | 7Triple | 7/0.53 | GLT02 | BLUE | 1180 |
| GLS02 | 1.5 | 3 Triple | 3Triple | 7/0.53 | GLS02 | BLUE | 690 |
| GNU02 | 1.5 | 12 Triple | 12Triple | 7/0.53 | GNU02 | GREY | 2020 |
| GNT02 | 1.5 | 7 Triple | 7Triple | 7/0.53 | GNT02 | GREY | 1180 |
| GNS02 | 1.5 | 20 Pair | 3Triple | 7/0.53 | GNS02 | GREY | 690 |
| GLL02 | 1.5 | 20 Pair | 20 | 7/0.53 | GLL02 | BLUE | 2260 |
| GLK02 | 1.5 | 12 Pair | 12 | 7/0.53 | GLK02 | BLUE | 1560 |
| GLJ02 | 1.5 | 7 Pair | 7 | 7/0.53 | GLJ02 | BLUE | 920 |
| GLH02 | 1.5 | 3 Pair | 3 | 7/0.53 | GLH02 | BLUE | 570 |
| GNL02 | 1.5 | 20 Pair | 20 | 7/0.53 | GNL02 | GREY | 2260 |
| GNK02 | 1.5 | 12 Pair | 12 | 7/0.53 | GNK02 | GREY | 1560 |
| GN(10P)02 | 1.5 | 10 Pair | 10 | 7/0.53 | GN(10P)02 | GREY | 1380 |
| GNJ02 | 1.5 | 7 Pair | 7 | 7/0.53 | GNJ02 | GREY | 920 |
| GNH02 | 1.5 | 3 Pair | 3 | 7/0.53 | GNH02 | GREY | 570 |

UK00A/BS7917 MGT MARINE CABLE - ELECTRICAL PROPERTIES

| NOMINAL CROSS SECTIONAL AREA | MUTUAL CAPACITANCE | | | MINIMUM INSULATION RESISTANCE AT 20°C | MAXIMUM L/R RATIO | MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C |
|------------------------------------|--|--|---|---|----------------------|---|
| | CABLES WITH COLLECTIVE SCREEN ONLY | 1 PAIR, 2 PAIRS OR 1 TRIPLE COLLECTIVELY SCREENED | CABLES WITH INDIVIDUALLY SCREENED PAIRS | | | |
| (MM ²) | pF/m | pF/m | pF/m | mΩ/KM | μH/Ω | Ω/KM |
| 0.50 | 75 | 115.00 | 115 | >5 | 25 | 39 |
| 0.75 | 75 | 115.00 | 115 | >5 | 25 | 26 |
| 1.00 | 75 | 115.00 | 115 | >5 | 25 | 18.1 |
| 1.50 | 85 | 120.00 | 120 | >5 | 40 | 12.1 |

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.