

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

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